

Final Report

VOLUME III

**Fort Edward Remedial
Investigation Report**

**General Electric Company
Transmission Systems
Fort Edward, New York**

January 20, 1997



O'BRIEN & GERE
ENGINEERS, INC.

Final Report

VOLUME III

Fort Edward Remedial Investigation Report

*General Electric Company
Transmission Systems
Fort Edward, New York*

January 1997



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APPENDIX G

Soil Quality Summary Tables

APPENDIX G-1

**Soil Quality Summary Tables
August 29 to September 6, 1995**

Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
August 29 to September 6, 1995
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	SB37 S-1 (3-5 FT)	SB38 S-4 (2-3 FT)	SB38 S-6 (4-5 FT)	SB39 S-1 (2-4 FT)	SB39 S-2 (4-6 FT)
Kerosene	10,000	11 U	20	10 U	11 U
Acetone	53 U	11 U	11 U	10 U	11 U
Benzene	27 U	5 U	6 U	5 U	5 U
Bromodichloromethane	27 U	5 U	6 U	5 U	5 U
Bromoform	27 U	5 U	6 U	5 U	5 U
Bromomethane	R	R	R	R	R
2-Butanone	53 U	11 U	11 U	10 U	11 U
Carbon Disulfide	27 U	5 U	6 U	5 U	5 U
Carbon Tetrachloride	27 U	5 U	6 U	5 U	5 U
Chlorobenzene	27 U	5 U	6 U	5 U	5 U
Chloroethane	53 U	11 U	11 U	10 U	11 U
Chloroform	27 U	5 U	6 U	5 U	5 U
Chloromethane	53 U	11 U	11 U	10 U	11 U
Dibromochloromethane	27 U	5 U	6 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	27 U	5 U	6 U	5 U	5 U
1,2-Dibromoethane	27 U	5 U	6 U	5 U	5 U
Dibromomethane	27 U	5 U	6 U	5 U	5 U
Dichlorodifluoromethane	53 U	11 U	11 U	10 U	11 U
1,1-Dichloroethane	27 U	5 U	6 U	5 U	5 U
1,2-Dichloroethane	27 U	5 U	6 U	5 U	5 U
1,1-Dichloroethene	27 U	5 U	6 U	5 U	5 U
trans-1,2 Dichloroethene	27 U	5 U	6 U	5 U	5 U
cis-1,2 Dichloroethene	27 U	5 U	6 U	5 U	5 U
1,2-Dichloropropane	27 U	5 U	6 U	5 U	5 U
cis-1,3-Dichloropropene	27 U	5 U	6 U	5 U	5 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
4. All analyses performed by Adirondack Environmental Services, Inc.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
6. "UU" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
7. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.

Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
August 29 to September 6, 1995
General Electric Company
Fort Edward, New York

Compounds	Sample Locations (Sample Depth)				
	SB37 S-1 (3-5 FT)	SB38 S-4 (2-3 FT)	SB38 S-6 (4-5 FT)	SB39 S-1 (2-4 FT)	SB39 S-2 (4-6 FT)
trans-1,3-Dichloropropene	27 U	5 U	6 U	5 U	5 U
Ethylbenzene	95	5 U	6 U	5 U	5 U
2-Hexanone	53 U	11 U	11 U	10 U	11 U
4-Methyl-2-pentanone	53 U	11 U	11 U	10 U	11 U
Methylene Chloride	27 U	5 U	6 U	5 U	5 U
Styrene	27 UJ	5 UJ	6 UJ	5 UJ	5 UJ
1,1,1,2-Tetrachloroethane	27 U	5 U	6 U	5 U	5 U
1,1,2,2-Tetrachloroethane	27 U	5 U	6 U	5 U	5 U
Tetrachloroethene	27 U	5 U	6 U	5 U	5 U
Toluene	27 U	5 U	6 U	5 U	5 U
1,1,1-Trichloroethane	27 U	5 U	6 U	5 U	5 U
1,1,2-Trichloroethane	27 U	5 U	6 U	5 U	5 U
Trichloroethene	27 U	5 U	6 U	5 U	5 U
Trichlorofluoromethane	27 U	5 U	6 U	5 U	5 U
1,2,3-Trichloropropane	53 U	11 U	11 U	10 U	11 U
Vinyl Acetate	53 U	11 U	11 U	10 U	11 U
Vinyl Chloride	53 U	11 U	11 UJ	10 U	11 U
Xylenes, Total	650	5 U	6 U	5 U	5 U
1,2,3-Trichlorobenzene	27 U	5 U	6 U	5 U	5 U
Isopropyl Benzene	73	5 U	6 U	5 U	5 U
n-Propylbenzene	110	5 U	6 U	5 U	5 U
t-Butylbenzene	27 U	5 U	6 U	5 U	5 U
sec-Butylbenzene	110	5 U	6 U	5 U	5 U
1,3,5-Trimethylbenzene	660	5 U	6 U	5 U	5 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
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5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
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RI/FS Expanded Shallow Unconsolidated Aquifer Study
August 29 to September 6, 1995
General Electric Company
Fort Edward, New York

Compounds	Sample Locations (Sample Depth)				
	SB37 S-1 (3-5 FT)	SB38 S-4 (2-3 FT)	SB38 S-6 (4-5 FT)	SB39 S-1 (2-4 FT)	SB39 S-2 (4-6 FT)
p-Cymene	260	5 U	6 U	5 U	5 U
1,2,4-Trimethylbenzene	5,500	5 U	6 U	5 U	5 U
n-Butylbenzene	27 U	5 U	6 U	5 U	5 U
Hexachlorobutadiene	27 U	5 U	6 U	5 U	5 U
1,2,4-Trichlorobenzene	27 U	5 U	6 U	5 U	5 U
Naphthalene	7,800	5 U	6 U	5 U	5 U
Bromobenzene	27 U	5 U	6 U	5 U	5 U
Bromochloromethane	27 U	5 U	6 U	5 U	5 U
2-Chlorotoluene	27 U	5 U	6 U	5 U	5 U
4-Chlorotoluene	27 U	5 U	6 U	5 U	5 U
1,2-Dibromoethane	27 U	5 U	6 U	5 U	5 U
1,3-Dichloropropane	27 U	5 U	6 U	5 U	5 U
2,2-Dichloropropane	27 U	5 U	6 U	5 U	5 U
1,1-Dichloropropene	27 U	5 U	6 U	5 U	5 U
Total Aggregate:	15,258	0	0	0	0

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
4. All analyses performed by Adirondack Environmental Services, Inc.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
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Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
August 29 to September 6, 1995
General Electric Company
Fort Edward, New York

Compounds	Sample Locations (Sample Depth)				
	SB40 S-2 (1.5-2.5 FT)	SB40 S-5 (5-6 FT)	SB41 S-9 (9-11 FT)	SB42 S-2 (2-4 FT)	SB43 S-4 (5-6 FT)
Kerosene	8J	12,000	800	11 U	61,000
Acetone	11 UJ	56 U	66 U	11 U	2,900 U
Benzene	5 U	28 U	33 U	5 U	1,400 U
Bromodichloromethane	5 U	28 U	33 U	5 U	1,400 U
Bromoform	5 U	28 U	33 U	5 U	1,400 U
Bromomethane	R	R	R	R	2,900 UJ
2-Butanone	11 U	56 U	66 U	11 U	2,900 U
Carbon Disulfide	5 U	28 U	33 U	5 U	1,400 U
Carbon Tetrachloride	5 U	28 U	33 U	5 U	1,400 U
Chlorobenzene	5 U	28 U	33 U	5 U	1,400 U
Chloroethane	11 U	56 U	66 U	11 U	2,900 U
Chloroform	5 U	28 U	33 U	5 U	1,400 U
Chloromethane	11 U	56 U	66 U	11 U	2,900 U
Dibromochloromethane	5 U	28 U	33 U	5 U	1,400 U
1,2-Dibromo-3-Chloropropane	5 U	28 U	33 U	5 U	1,400 U
1,2-Dibromoethane	5 U	28 U	33 U	5 U	1,400 U
Dibromomethane	5 U	28 U	33 U	5 U	1,400 U
Dichlorodifluoromethane	11 U	56 U	66 U	11 U	2,900 U
1,1-Dichloroethane	5 U	28 U	33 U	5 U	1,400 U
1,2-Dichloroethane	5 U	28 U	33 U	5 U	1,400 U
1,1-Dichloroethene	5 U	28 U	33 U	5 U	1,400 U
trans-1,2 Dichloroethene	5 U	28 U	33 U	5 U	1,400 U
cis-1,2 Dichloroethene	5 U	28 U	33 U	5 U	1,400 U
1,2-Dichloropropane	5 U	28 U	33 U	5 U	1,400 U
cis-1,3-Dichloropropene	5 U	28 U	33 U	5 U	1,400 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
4. All analyses performed by Adirondack Environmental Services, Inc.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
6. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
7. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.
8. "J" indicates that this concentration should be considered approximate due to a deficiency identified in the data generation process.

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General Electric Company
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Sample Locations
(Sample Depth)

Compounds	SB40 S-2 (1.5-2.5 FT)	SB40 S-5 (5-6 FT)	SB41 S-9 (9-11 FT)	SB42 S-2 (2-4 FT)	SB43 S-4 (5-6 FT)
trans-1,3-Dichloropropene	5 U	28 U	33 U	5 U	1,400 U
Ethylbenzene	5 U	28 U	33 U	5 U	1,400 U
2-Hexanone	11 U	56 U	66 U	11 U	2,900 U
4-Methyl-2-pentanone	11 U	56 U	66 U	11 U	2,900 U
Methylene Chloride	5 U	28 U	33 U	5 U	1,400 U
Styrene	5 UJ	28 UJ	33 UJ	5 UJ	1,400 U
1,1,1,2-Tetrachloroethane	5 U	28 U	33 U	5 U	1,400 U
1,1,2,2-Tetrachloroethane	5 U	28 U	33 U	5 UJ	R
Tetrachloroethene	5 U	28 U	33 U	5 U	1,400 U
Toluene	5 U	28 U	33 U	5 U	1,400 U
1,1,1-Trichloroethane	5 U	28 U	33 U	5 U	1,400 U
1,1,2-Trichloroethane	5 U	28 U	33 U	5 U	1,400 U
Trichloroethene	5 U	28 U	33 U	5 U	1,400 U
Trichlorofluoromethane	5 U	28 U	33 U	5 U	1,400 U
1,2,3-Trichloropropane	11 U	56 U	66 U	11 U	2,900 U
Vinyl Acetate	11 U	56 U	66 U	11 U	2,900 U
Vinyl Chloride	11 UJ	56 U	66 U	11 U	2,900 U
Xylenes, Total	5 U	44	33 U	5 U	1,400 U
1,2,3-Trichlorobenzene	5 U	28 U	33 U	5 U	1,400 U
Isopropyl Benzene	5 U	28 U	38	5 U	690 J
n-Propylbenzene	5 U	28 U	64	5 U	1,700
t-Butylbenzene	5 U	28 U	33 U	5 U	1,400 U
sec-Butylbenzene	5 U	28 U	140	5 U	2,500
1,3,5-Trimethylbenzene	5 U	170	33 U	5 U	1,400 U

Notes:

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3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
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7. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.
8. "J" indicates that this concentration should be considered approximate because it is less than the practical quantitation limit.

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General Electric Company
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Sample Locations
(Sample Depth)

Compounds	SB40 S-2 (1.5-2.5 FT)	SB40 S-5 (5-6 FT)	SB41 S-9 (9-11 FT)	SB42 S-2 (2-4 FT)	SB43 S-4 (5-6 FT)
p-Cymene	5 U	81	99	5 U	1,400 U
1,2,4-Trimethylbenzene	5 U	310	33 U	5 U	1,400 U
n-Butylbenzene	5 U	28 U	120	5 U	5,100
Hexachlorobutadiene	5 U	28 U	33 U	5 U	1,400 U
1,2,4-Trichlorobenzene	5 U	28 U	33 U	5 U	1,400 U
Naphthalene	5 U	1,100	1,700 J	5 U	56,000
Bromobenzene	5 U	28 U	33 U	5 U	1,400 U
Bromochloromethane	5 U	28 U	33 U	5 U	1,400 U
2-Chlorotoluene	5 U	28 U	33 U	5 U	1,400 U
4-Chlorotoluene	5 U	28 U	33 U	5 U	1,400 U
1,2-Dibromoethane	5 U	28 U	33 U	5 U	1,400 U
1,3-Dichloropropane	5 U	28 U	33 U	5 U	1,400 U
2,2-Dichloropropane	5 U	28 U	33 U	5 U	1,400 U
1,1-Dichloropropene	5 U	28 U	33 U	5 U	1,400 U
Total Aggregate:	0	1,705	2,161 J	0	65,990

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
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Sample Locations
(Sample Depth)

Compounds	SB47 S-2 (4-5 FT)	SB47 S-3 (5-6 FT)	SB48 S-3 (4-5 FT)	SB49 S-4 (5-6 FT)	SB49 S-6 (8-9.4 FT)
Kerosene	11 U	3,800	10 U	11 U	11 U
Acetone	11 U	11 U	10 U	11 UJ	2,700 U
Benzene	5 U	5 U	5 U	5 U	1,400 U
Bromodichloromethane	5 U	5 U	5 U	5 U	1,400 U
Bromoform	5 U	5 U	5 U	5 U	1,400 U
Bromomethane	R	R	R	R	2,700 UJ
2-Butanone	11 U	11 U	10 U	11 U	2,700 U
Carbon Disulfide	5 U	5 U	5 U	5 U	1,400 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	1,400 U
Chlorobenzene	5 U	5 U	5 U	5 U	1,400 U
Chloroethane	11 U	11 U	10 U	11 U	2,700 U
Chloroform	5 U	5 U	5 U	5 U	1,400 U
Chloromethane	11 U	11 U	10 U	11 U	2,700 U
Dibromochloromethane	5 U	5 U	5 U	5 U	1,400 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	1,400 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	1,400 U
Dibromomethane	5 U	5 U	5 U	5 U	1,400 U
Dichlorodifluoromethane	11 U	11 U	10 U	11 U	2,700 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	1,400 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	1,400 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	1,400 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	1,400 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	1,400 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	1,400 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	1,400 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
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7. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.

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Sample Locations
(Sample Depth)

Compounds	SB47 S-2 (4-5 FT)	SB47 S-3 (5-6 FT)	SB48 S-3 (4-5 FT)	SB49 S-4 (5-6 FT)	SB49 S-6 (8-9.4 FT)
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	1,400 U
Ethylbenzene	5 U	5 UJ	5 U	5 U	1,400 U
2-Hexanone	11 U	11 U	10 U	11 U	2,700 U
4-Methyl-2-pentanone	11 U	11 U	10 U	11 U	2,700 U
Methylene Chloride	5 U	5 U	5 U	5 U	1,400 U
Styrene	5 UJ	5 UJ	5 UJ	5 UJ	1,400 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	1,400 U
1,1,2,2-Tetrachloroethane	5 UJ	5 U	5 UJ	5 U	R
Tetrachloroethene	5 U	5 U	5 U	5 U	1,400 U
Toluene	5 U	5 U	5 U	5 U	1,400 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	1,400 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	1,400 U
Trichloroethene	5 U	5 U	5 U	5 U	1,400 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	1,400 U
1,2,3-Trichloropropane	11 U	11 U	10 U	11 U	2,700 U
Vinyl Acetate	11 U	11 U	10 U	11 U	2,700 U
Vinyl Chloride	11 U	11 UJ	10 U	11 UJ	2,700 U
Xylenes, Total	5 U	5 U	5 U	5 U	1,400 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	15,000
Isopropyl Benzene	5 U	5 U	5 U	5 U	1,400 U
n-Propylbenzene	5 U	5 U	5 U	5 U	1,400 U
t-Butylbenzene	5 U	5 U	5 U	5 U	1,400 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	1,400 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	1,400 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
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Sample Locations
(Sample Depth)

Compounds	SB47 S-2 (4-5 FT)	SB47 S-3 (5-6 FT)	SB48 S-3 (4-5 FT)	SB49 S-4 (5-6 FT)	SB49 S-6 (8-9.4 FT)
p-Cymene	5 U	5 U	5 U	5 U	1,400 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	1,400 U
n-Butylbenzene	5 U	5 U	5 U	5 U	1,400 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	1,400 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	47,000
Naphthalene	5 U	5 U	5 U	5 U	1,400 U
Bromobenzene	5 U	5 U	5 U	5 U	1,400 U
Bromochloromethane	5 U	5 U	5 U	5 U	1,400 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	1,400 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	1,400 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	1,400 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	1,400 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	1,400 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	1,400 U
Total Aggregate:	0	0	0	0	62,000

Notes:

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Compounds	Sample Locations (Sample Depth)				
	SB50 S-2 (2-4 FT)	SB50 S-3 (4-6 FT)	OBG50 S-3 (4-6 FT)	OBG50 S-5b (8.5-10 FT)	OBG51 S-2 (3-4 FT)
Kerosene	11 U	11 U	21,600	71 U	11 U
Acetone	11 UJ	11 U	1,300 U	16 U	11 U
Benzene	5 U	6 U	660 U	8 U	5 U
Bromodichloromethane	5 U	6 U	660 U	8 U	5 U
Bromoform	5 U	6 U	660 U	8 U	5 U
Bromomethane	R	R	1,300 UJ	R	R
2-Butanone	11 U	11 U	1,300 U	16 U	11 U
Carbon Disulfide	5 U	6 U	660 U	8 U	5 U
Carbon Tetrachloride	5 U	6 U	660 U	8 U	5 U
Chlorobenzene	5 U	6 U	660 U	8 U	5 U
Chloroethane	11 U	11 U	1,300 U	16 U	11 U
Chloroform	5 U	6 U	660 U	8 U	5 U
Chloromethane	11 U	11 U	1,300 U	16 U	11 U
Dibromochloromethane	5 U	6 U	660 U	8 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	6 U	660 U	8 U	5 U
1,2-Dibromoethane	5 U	6 U	660 U	8 U	5 U
Dibromomethane	5 U	6 U	660 U	8 U	5 U
Dichlorodifluoromethane	11 U	11 U	1,300 U	16 U	11 U
1,1-Dichloroethane	5 U	6 U	660 U	8 U	5 U
1,2-Dichloroethane	5 U	6 U	660 U	8 U	5 U
1,1-Dichloroethene	5 U	6 U	660 U	8 U	5 U
trans-1,2 Dichloroethene	5 U	6 U	660 U	8 U	5 U
cis-1,2 Dichloroethene	5 U	6 U	660 U	8 U	5 U
1,2-Dichloropropane	5 U	6 U	660 U	8 U	5 U
cis-1,3-Dichloropropene	5 U	6 U	660 U	8 U	5 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
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Sample Locations
(Sample Depth)

Compounds	SB50 S-2 (2-4 FT)	SB50 S-3 (4-6 FT)	OBG50 S-3 (4-6 FT)	OBG50 S-5b (8.5-10 FT)	OBG51 S-2 (3-4 FT)
trans-1,3-Dichloropropene	5 U	6 U	660 U	8 U	5 U
Ethylbenzene	5 U	6 U	660 U	8 U	5 U
2-Hexanone	11 U	11 U	1,300 U	16 U	11 U
4-Methyl-2-pentanone	11 U	11 U	1,300 U	16 U	11 U
Methylene Chloride	5 U	6 U	660 U	8 U	5 U
Styrene	5 UJ	6 UJ	660 U	8 UJ	5 UJ
1,1,1,2-Tetrachloroethane	5 U	6 U	660 U	8 U	5 U
1,1,2,2-Tetrachloroethane	5 U	6 U	R	8 UJ	5 UJ
Tetrachloroethene	5 U	6 U	660 U	8 U	5 U
Toluene	5 U	6 U	660 U	8 U	5 U
1,1,1-Trichloroethane	5 U	6 U	660 U	8 U	5 U
1,1,2-Trichloroethane	5 U	6 U	660 U	8 U	5 U
Trichloroethene	5 U	6 U	660 U	25	5 U
Trichlorofluoromethane	5 U	6 U	660 U	8 U	5 U
1,2,3-Trichloropropane	11 U	11 U	1,300 U	16 U	11 U
Vinyl Acetate	11 U	11 U	1,300 U	16 U	11 U
Vinyl Chloride	11 UJ	11 U	1,300 U	16 U	11 U
Xylenes, Total	5 U	6 U	660 U	8 U	5 U
1,2,3-Trichlorobenzene	5 U	6 U	660 U	8 U	5 U
Isopropyl Benzene	5 U	6 U	610 J	8 U	5 U
n-Propylbenzene	5 U	6 U	1,500	8 U	5 U
t-Butylbenzene	5 U	6 U	660 U	8 U	5 U
sec-Butylbenzene	5 U	6 U	1,700	8 U	5 U
1,3,5-Trimethylbenzene	5 U	6 U	660 U	8 U	5 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
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Compounds	Sample Locations (Sample Depth)				
	SB50 S-2 (2-4 FT)	SB50 S-3 (4-6 FT)	OBG50 S-3 (4-6 FT)	OBG50 S-5b (8.5-10 FT)	OBG51 S-2 (3-4 FT)
p-Cymene	5 U	6 U	390 J	8 U	5 U
1,2,4-Trimethylbenzene	5 U	6 U	660 U	8 U	5 U
n-Butylbenzene	5 U	6 U	3,100	2 J	5 U
Hexachlorobutadiene	5 U	6 U	660 U	8 U	5 U
1,2,4-Trichlorobenzene	5 U	6 U	660 U	8 U	5 U
Naphthalene	5 U	6 U	23,000	8 U	5 U
Bromobenzene	5 U	6 U	660 U	8 U	5 U
Bromochloromethane	5 U	6 U	660 U	8 U	5 U
2-Chlorotoluene	5 U	6 U	660 U	8 U	5 U
4-Chlorotoluene	5 U	6 U	660 U	8 U	5 U
1,2-Dibromoethane	5 U	6 U	660 U	8 U	5 U
1,3-Dichloropropane	5 U	6 U	660 U	8 U	5 U
2,2-Dichloropropane	5 U	6 U	660 U	8 U	5 U
1,1-Dichloropropene	5 U	6 U	660 U	8 U	5 U
Total Aggregate:	0	0	30,300	27	0

Notes:

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Sample Locations
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Compounds	X-2					
	OBG51 S-4 (5-6 FT)	(OBG51 S-4 Duplicate)	OBG51 S-5b (7-8 FT)	OBG52 S-2 (2-4 FT)	OBG52 S-5 (8-10 FT)	OBG53 S-3 (4-6 FT)
Kerosene	11,000	14,000	63 U	9,200	47	29
Acetone	1,300 UJ	120	11 U	13 UJ	11 U	12 U
Benzene	670 U	27 U	5 U	7 U	5 U	6 U
Bromodichloromethane	670 U	27 U	5 U	7 U	5 U	6 U
Bromoform	670 U	27 U	5 U	7 U	5 U	6 U
Bromomethane	1,300 UJ	R	R	R	R	R
2-Butanone	1,300 U	120	11 U	13 U	11 U	12 U
Carbon Disulfide	670 U	27 U	5 U	7 U	5 U	6 U
Carbon Tetrachloride	670 U	27 U	5 U	7 U	5 U	6 U
Chlorobenzene	670 U	27 U	5 U	7 U	5 U	6 U
Chloroethane	1,300 U	55 U	11 U	13 U	11 U	12 U
Chloroform	670 U	27 U	5 U	7 U	5 U	6 U
Chloromethane	1,300 U	55 U	11 U	13 U	11 U	12 U
Dibromochloromethane	670 U	27 U	5 U	7 U	5 U	6 U
1,2-Dibromo-3-Chloropropane	670 U	27 U	5 U	7 U	5 U	6 U
1,2-Dibromoethane	670 U	27 U	5 U	7 U	5 U	6 U
Dibromomethane	670 U	27 U	5 U	7 U	5 U	6 U
Dichlorodifluoromethane	1,300 U	55 U	11 U	13 U	11 U	12 U
1,1-Dichloroethane	670 U	27 U	5 U	7 U	5 U	6 U
1,2-Dichloroethane	670 U	27 U	5 U	7 U	5 U	6 U
1,1-Dichloroethene	670 UJ	27 U	5 U	7 U	5 U	6 U
trans-1,2 Dichloroethene	670 U	27 U	5 U	7 U	5 U	6 U
cis-1,2 Dichloroethene	670 U	27 U	5 U	7 U	5 U	6 U
1,2-Dichloropropane	670 U	27 U	5 U	7 U	5 U	6 U
cis-1,3-Dichloropropene	670 U	27 U	5 U	7 U	5 U	6 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
4. All analyses performed by Adirondack Environmental Services, Inc.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
6. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
7. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.
8. "J" indicates that this concentration should be considered approximate due to a deficiency identified in the data generation process.

Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
August 29 to September 6, 1995
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	X-2					
	OBG51 S-4 (5-6 FT)	(OBG51 S-4 Duplicate)	OBG51 S-5b (7-8 FT)	OBG52 S-2 (2-4 FT)	OBG52 S-5 (8-10 FT)	OBG53 S-3 (4-6 FT)
trans-1,3-Dichloropropene	670 U	27 U	5 U	7 U	5 U	6 U
Ethylbenzene	670 U	27 U	5 UJ	7 U	5 U	6 U
2-Hexanone	1,300 UJ	55 U	11 U	13 U	11 U	12 U
4-Methyl-2-pentanone	1,300 U	55 U	11 U	13 U	11 U	12 U
Methylene Chloride	710 U	27 U	5 U	7 U	5 U	6 U
Styrene	670 U	27 UJ	5 UJ	7 UJ	5 UJ	6 UJ
1,1,1,2-Tetrachloroethane	670 U	27 U	5 U	7 U	5 U	6 U
1,1,2,2-Tetrachloroethane	R	27 UJ	5 U	7 U	5 U	6 UJ
Tetrachloroethene	670 U	27 U	5 U	7 U	5 U	6 U
Toluene	670 U	13 J	5 U	2 J	5 U	6 U
1,1,1-Trichloroethane	670 U	27 U	5 U	7 U	5 U	6 U
1,1,2-Trichloroethane	670 U	27 U	5 U	7 U	5 U	6 U
Trichloroethene	670 U	27 U	5 U	7 U	5 U	6 U
Trichlorofluoromethane	670 U	27 U	5 U	7 U	5 U	6 U
1,2,3-Trichloropropane	1,300 U	55 U	11 U	13 U	11 U	12 U
Vinyl Acetate	1,300 U	55 U	11 U	13 U	11 U	12 U
Vinyl Chloride	1,300 U	55 U	11 UJ	13 UJ	11 UJ	12 U
Xylenes, Total	670 U	27 U	5 U	7 U	5 U	6 U
1,2,3-Trichlorobenzene	670 U	27 U	5 U	7 U	5 U	6 U
Isopropyl Benzene	670 U	27 U	5 U	7 U	5 U	6 U
n-Propylbenzene	670 U	27 U	5 U	7 U	5 U	6 U
t-Butylbenzene	670 U	27 U	5 U	7 U	5 U	6 U
sec-Butylbenzene	670 U	27 U	5 U	7 U	5 U	6 U
1,3,5-Trimethylbenzene	670 U	27 U	5 U	7 U	5 U	6 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
4. All analyses performed by Adirondack Environmental Services, Inc.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
6. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
7. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.
8. "J" indicates that this concentration should be considered approximate because it is less than the practical quantitation limit.

Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
August 29 to September 6, 1995
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	X-2					
	OBG51 S-4 (5-6 FT)	(OBG51 S-4 Duplicate)	OBG51 S-5b (7-8 FT)	OBG52 S-2 (2-4 FT)	OBG52 S-5 (8-10 FT)	OBG53 S-3 (4-6 FT)
p-Cymene	670 U	27 U	5 U	7 U	5 U	6 U
1,2,4-Trimethylbenzene	670 U	27 U	5 U	7 U	5 U	6 U
n-Butylbenzene	670 U	27 U	5 U	7 U	5 U	6 U
Hexachlorobutadiene	670 U	27 U	5 U	7 U	5 U	6 U
1,2,4-Trichlorobenzene	670 U	27 U	5 U	7 U	5 U	6 U
Naphthalene	1,900 J	580 J	5 U	7 U	5 U	6 U
Bromobenzene	670 U	27 U	5 U	7 U	5 U	6 U
Bromochloromethane	670 U	27 U	5 U	7 U	5 U	6 U
2-Chlorotoluene	670 U	27 U	5 U	7 U	5 U	6 U
4-Chlorotoluene	670 U	27 U	5 U	7 U	5 U	6 U
1,2-Dibromoethane	670 U	27 U	5 U	7 U	5 U	6 U
1,3-Dichloropropane	670 U	27 U	5 U	7 U	5 U	6 U
2,2-Dichloropropane	670 U	27 U	5 U	7 U	5 U	6 U
1,1-Dichloropropene	670 U	27 U	5 U	7 U	5 U	6 U
Total Aggregate:	1,900 J	833 J	0	2 J	0	0

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
4. All analyses performed by Adirondack Environmental Services, Inc.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
6. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
7. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.
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Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
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General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	OBG53 S-4 (5.9-6.1 FT)	OBG54 S-2 (2-4 FT)	OBG54 S-4 (6-8 FT)	OBG55 S-3 (4-6 FT)	X-1 (OBG55 S-3 Duplicate)	OBG55 S-6 (10-12 FT)
Kerosene	96	11 U	11 U	8,100	7,000	13 U
Acetone	48	11 UJ	14	19 U	1,400 U	13 J
Benzene	6 U	5 U	5 U	9 U	690 U	6 U
Bromodichloromethane	6 U	5 U	5 U	9 U	690 U	6 U
Bromoform	6 U	5 U	5 U	9 U	690 U	6 U
Bromomethane	R	R	R	R	1,400 UJ	R
2-Butanone	12 U	11 U	11 U	19 U	1,400 U	13 U
Carbon Disulfide	6 U	5 U	5 U	9 U	690 U	6 U
Carbon Tetrachloride	6 U	5 U	5 U	9 U	690 U	6 U
Chlorobenzene	6 U	5 U	5 U	9 U	690 U	6 U
Chloroethane	12 U	11 U	11 U	19 U	1,400 U	13 U
Chloroform	6 U	5 U	5 U	9 U	690 U	6 U
Chloromethane	12 U	11 U	11 U	19 U	1,400 U	13 U
Dibromochloromethane	6 U	5 U	5 U	9 U	690 U	6 U
1,2-Dibromo-3-Chloropropane	6 U	5 U	5 U	9 U	690 U	6 U
1,2-Dibromoethane	6 U	5 U	5 U	9 U	690 U	6 U
Dibromomethane	6 U	5 U	5 U	9 U	690 U	6 U
Dichlorodifluoromethane	12 U	11 U	11 U	19 U	1,400 U	13 U
1,1-Dichloroethane	6 U	5 U	5 U	9 U	690 U	6 U
1,2-Dichloroethane	6 U	5 U	5 U	9 U	690 U	6 U
1,1-Dichloroethene	6 U	5 U	5 U	9 U	690 U	6 U
trans-1,2 Dichloroethene	6 U	5 U	5 U	9 U	690 U	6 U
cis-1,2 Dichloroethene	6 U	5 U	5 U	9 U	690 U	6 U
1,2-Dichloropropane	6 U	5 U	5 U	9 U	690 U	6 U
cis-1,3-Dichloropropene	6 U	5 U	5 U	9 U	690 U	6 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
4. All analyses performed by Adirondack Environmental Services, Inc.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
6. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
7. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.
8. "J" indicates that this concentration should be considered approximate due to a deficiency identified in the data generation process.

Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
August 29 to September 6, 1995
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	OBG53 S-4 (5.9-6.1 FT)	OBG54 S-2 (2-4 FT)	OBG54 S-4 (6-8 FT)	OBG55 S-3 (4-6 FT)	X-1 (OBG55 S-3 Duplicate)	OBG55 S-6 (10-12 FT)
trans-1,3-Dichloropropene	6 U	5 U	5 U	9 U	690 U	6 U
Ethylbenzene	6 UJ	5 U	5 U	9 U	690 U	6 U
2-Hexanone	12 U	11 U	11 U	19 U	1,400 U	13 U
4-Methyl-2-pentanone	12 U	11 U	11 U	19 U	1,400 U	13 U
Methylene Chloride	6 U	5 U	7 U	9 U	690 U	9 U
Styrene	6 UJ	5 UJ	5 UJ	9 UJ	690 U	6 UJ
1,1,1,2-Tetrachloroethane	6 U	5 U	5 U	9 U	690 U	6 U
1,1,2,2-Tetrachloroethane	6 U	5 U	5 U	9 U	R	6 U
Tetrachloroethene	6 U	5 U	5 U	9 U	690 U	6 U
Toluene	6 U	5 U	5 U	9 U	690 U	6 U
1,1,1-Trichloroethane	6 U	5 U	5 U	9 U	690 U	6 U
1,1,2-Trichloroethane	6 U	5 U	5 U	9 U	690 U	6 U
Trichloroethene	6 U	5 U	5 U	9 U	690 U	6 U
Trichlorofluoromethane	6 U	5 U	5 U	9 U	690 U	6 U
1,2,3-Trichloropropane	12 U	11 U	11 U	19 U	1,400 U	13 U
Vinyl Acetate	12 U	11 U	11 U	19 U	1,400 U	13 U
Vinyl Chloride	12 UJ	11 UJ	11 U	19 UJ	1,400 U	13 U
Xylenes, Total	6 U	5 U	5 U	9 U	490 J	6 U
1,2,3-Trichlorobenzene	6 U	5 U	5 U	9 U	690 U	6 U
Isopropyl Benzene	6 U	5 U	5 U	9 U	690 U	6 U
n-Propylbenzene	6 U	5 U	5 U	9 U	690 U	6 U
t-Butylbenzene	6 U	5 U	5 U	9 U	690 U	6 U
sec-Butylbenzene	6 U	5 U	5 U	9 U	190 J	6 U
1,3,5-Trimethylbenzene	6 U	5 U	5 U	89	2,600	6 U

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
4. All analyses performed by Adirondack Environmental Services, Inc.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
6. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
7. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.
8. "J" indicates that this concentration should be considered approximate because it is less than the practical quantitation limit.

Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
August 29 to September 6, 1995
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	OBG53 S-4 (5.9-6.1 FT)	OBG54 S-2 (2-4 FT)	OBG54 S-4 (6-8 FT)	OBG55 S-3 (4-6 FT)	X-1 (OBG55 S-3 Duplicate)	OBG55 S-6 (10-12 FT)
p-Cymene	6 U	5 U	5 U	22	670 J	6 U
1,2,4-Trimethylbenzene	6 U	5 U	5 U	150	5,700	6 U
n-Butylbenzene	6 U	5 U	5 U	9 U	690 U	6 U
Hexachlorobutadiene	6 U	5 U	5 U	9 U	690 U	6 U
1,2,4-Trichlorobenzene	6 U	5 U	5 U	9 U	690 U	6 U
Naphthalene	6 U	5 U	5 U	190 J	4,500 J	6 U
Bromobenzene	6 U	5 U	5 U	9 U	690 U	6 U
Bromochloromethane	6 U	5 U	5 U	9 U	690 U	6 U
2-Chlorotoluene	6 U	5 U	5 U	9 U	690 U	6 U
4-Chlorotoluene	6 U	5 U	5 U	9 U	690 U	6 U
1,2-Dibromoethane	6 U	5 U	5 U	9 U	690 U	6 U
1,3-Dichloropropane	6 U	5 U	5 U	9 U	690 U	6 U
2,2-Dichloropropane	6 U	5 U	5 U	9 U	690 U	6 U
1,1-Dichloropropene	6 U	5 U	5 U	9 U	690 U	6 U
Total Aggregate:	48	0	14	451	14,150	13 J

Notes:

1. All units in ug/kg (ppb), except for kerosene units are in ug/g (ppm).
2. Kerosene quantitated using EPA SW-846 Method 8015-modified.
3. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
4. All analyses performed by Adirondack Environmental Services, Inc.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
6. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
7. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.
8. "J" indicates that this concentration should be considered approximate due to a deficiency identified in the data generation process.

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General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	SB37 S-1 (3-5 FT)	SB38 S-4 (2-3 FT)	SB38 S-6 (4-5 FT)	SB39 S-1 (2-4 FT)	SB39 S-2 (4-6 FT)
Aroclor-1016	1,100 U	1,100 U	1,100 U	1,000 U	1,100 U
Aroclor-1221	1,100 U	1,100 U	1,100 U	1,000 U	1,100 U
Aroclor-1232	1,100 U	1,100 U	1,100 U	1,000 U	1,100 U
Aroclor-1242	1,100 U	1,100 U	1,100 U	1,000 U	1,100 U
Aroclor-1248	1,100 U	1,100 U	1,100 U	1,000 U	1,100 U
Aroclor-1254	1,100 U	1,100 U	1,100 U	1,000 U	1,100 U
Aroclor-1260	1,100 U	1,100 U	1,100 U	1,000 U	1,100 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
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General Electric Company
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Sample Locations
(Sample Depth)

Compounds	SB40 S-2 (1.5-2.5 FT)	SB40 S-5 (5-6 FT)	SB41 S-9 (9-11 FT)	SB42 S-2 (2-4 FT)	SB43 S-4 (5-6 FT)
Aroclor-1016	1,100 U	1,100 U	1,300 U	1,100 U	1,100 U
Aroclor-1221	1,100 U	1,100 U	1,300 U	1,100 U	1,100 U
Aroclor-1232	1,100 U	1,100 U	1,300 U	1,100 U	1,100 U
Aroclor-1242	1,800 U	8,400	15,000	3,200	1,100 U
Aroclor-1248	1,100 U	1,100 U	1,300 U	1,100 U	1,100 U
Aroclor-1254	1,100 U	1,100 U	1,300 U	1,100 U	300 J
Aroclor-1260	1,100 U	1,100 U	1,300 U	1,100 U	1,100 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

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General Electric Company
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Sample Locations
(Sample Depth)

Compounds	SB47 S-2 (4-5 FT)	SB47 S-3 (5-6 FT)	SB48 S-3 (4-5 FT)	SB49 S-4 (5-6 FT)	SB49 S-6 (8-9.4 FT)
Aroclor-1016	1,100 U	1,200 U	1,000 U	1,100 U	11,000 U
Aroclor-1221	1,100 U	1,200 U	1,000 U	1,100 U	11,000 U
Aroclor-1232	1,100 U	1,200 U	1,000 U	1,100 U	11,000 U
Aroclor-1242	1,100 U	1,200 U	1,000 U	1,100 U	36,000
Aroclor-1248	1,100 U	1,200 U	1,000 U	1,100 U	11,000 U
Aroclor-1254	1,100 U	1,200 U	1,000 U	1,100 U	11,000 U
Aroclor-1260	1,100 U	1,200 U	1,000 U	1,100 U	11,000 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

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General Electric Company
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Sample Locations
(Sample Depth)

Compounds	SB50 S-2 (2-4 FT)	SB50 S-3 (4-6 FT)	OBG50 S-3 (4-6 FT)	OBG50 S-5b (8.5-10 FT)	OBG51 S-2 (3-4 FT)
Aroclor-1016	1,100 U	1,100 U	1,100 U	1,600 U	1,100 U
Aroclor-1221	1,100 U	1,100 U	1,100 U	1,600 U	1,100 U
Aroclor-1232	1,100 U	1,100 U	1,100 U	1,600 U	1,100 U
Aroclor-1242	1,100 U	1,100 U	16,000	1,600 U	1,100 U
Aroclor-1248	1,100 U	1,100 U	1,100 U	1,600 U	1,100 U
Aroclor-1254	1,100 U	1,100 U	1,100 U	1,600 U	1,100 U
Aroclor-1260	1,100 U	1,100 U	1,100 U	1,600 U	1,100 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
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General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	X-2					
	OBG51 S-4 (5-6 FT)	(OBG51 S-4 Duplicate)	OBG51 S-5b (7-8 FT)	OBG52 S-2 (2-4 FT)	OBG52 S-5 (8-10 FT)	OBG53 S-3 (4-6 FT)
Aroclor-1016	1,100 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U
Aroclor-1221	1,100 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U
Aroclor-1232	1,100 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U
Aroclor-1242	3,100	2,200	1,100 U	1,300 U	1,100 U	2,500
Aroclor-1248	1,100 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U
Aroclor-1254	1,100 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U
Aroclor-1260	1,100 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

Soil Boring Program Analytical Results
RI/FS Expanded Shallow Unconsolidated Aquifer Study
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General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	Sample Locations (Sample Depth)					
	OBG53 S-4 (5.9-6.1 FT)	OBG54 S-2 (2-4 FT)	OBG54 S-4 (6-8 FT)	OBG55 S-3 (4-6 FT)	X-1 (OBG55 S-3 Duplicate)	OBG55 S-6 (10-12 FT)
Aroclor-1016	1,200 U	1,100 U	1,100 U	1,100 U	1,100 U	1,300 U
Aroclor-1221	1,200 U	1,100 U	1,100 U	1,100 U	1,100 U	1,300 U
Aroclor-1232	1,200 U	1,100 U	1,100 U	1,100 U	1,100 U	1,300 U
Aroclor-1242	4,900	2,600 U	1,100 U	1,100 U	1,100 U	1,300 U
Aroclor-1248	1,200 U	1,100 U	1,100 U	1,100 U	1,100 U	1,300 U
Aroclor-1254	1,200 U	1,100 U	1,100 U	1,100 U	1,100 U	1,300 U
Aroclor-1260	1,200 U	1,100 U	1,100 U	1,100 U	1,100 U	1,300 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

APPENDIX G-2

**Soil Quality Summary Tables
September 14, 1995**

Soil Grab Sampling Program Analytical Results
RI/FS Soil Disposal Area (SWMU #16)
September 14, 1995

General Electric Company
Fort Edward, New York

Sample Locations

Compounds	SS-1	SS-2	SS-3	SS-4
Chloromethane	11 U	10 U	11 U	11 UJ
Bromomethane	11 U	10 U	11 U	11 UJ
Vinyl Chloride	11 U	10 U	11 U	11 UJ
Chloroethane	11 U	10 U	11 U	11 UJ
Methylene Chloride	6 U	5 U	5 U	5 UJ
Acetone	11 U	10 U	11 U	11 UJ
Carbon Disulfide	6 U	5 U	5 U	5 UJ
1,1-Dichloroethene	6 U	5 U	5 U	5 UJ
1,1 Dichloroethane	6 U	5 U	5 U	5 UJ
cis-1,2-Dichloroethene	6 U	5 U	5 U	5 UJ
trans-1,2-Dichloroethene	6 U	5 U	5 U	5 UJ
Chloroform	6 U	5 U	5 U	5 UJ
1,2-Dichloroethane	6 U	5 U	5 U	5 UJ
2-Butanone	11 U	10 U	5 U	5 UJ
1,1,1-Trichloroethane	6 U	5 U	5 U	5 UJ
Carbon Tetrachloride	6 U	5 U	5 U	5 UJ
Vinyl Acetate	11 U	10 U	11 U	11 UJ
Bromodichloromethane	6 U	5 U	5 U	5 UJ
1,2-Dichloropropane	6 U	5 U	5 U	5 UJ
trans-1,3-Dichloropropene	6 U	5 U	5 U	5 UJ
Trichloroethene	6 U	5 U	5 U	5 UJ
Dibromochloromethane	6 U	5 U	5 U	5 UJ
1,1,2-Trichloroethane	6 U	5 U	5 U	5 UJ
Benzene	6 U	5 U	5 U	5 UJ
cis-1,3-Dichloropropene	6 U	5 U	5 U	5 UJ
Bromoform	6 U	5 U	5 U	5 UJ
4-Methyl-2-pentanone	11 U	10 U	11 UJ	11 UJ
2-Hexanone	11 U	10 U	11 UJ	11 UJ

Notes:

1. All units in ug/kg (ppb).
2. Volatile organic compounds quantitated using EPA SW-846 Method 8240.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

Soil Grab Sampling Program Analytical Results
RI/FS Soil Disposal Area (SWMU #16)
September 14, 1995

General Electric Company
Fort Edward, New York

Sample Locations

Compounds	SS-1	SS-2	SS-3	SS-4
Tetrachloroethene	6 U	5 U	5 UJ	5 UJ
1,1,2,2-Tetrachloroethane	R	R	R	R
Toluene	6 U	5 U	5 UJ	5 UJ
Chlorobenzene	6 U	5 U	5 UJ	5 UJ
Ethylbenzene	6 U	5 U	5 UJ	5 UJ
Styrene	6 UJ	5 UJ	5 UJ	5 UJ
Xylenes, Total	6 U	5 U	5	5 UJ
Trichlorofluoromethane	6 U	5 U	5 U	5 UJ
Total Aggregate:	0	0	0	0

Notes:

1. All units in ug/kg (ppb).
2. Volatile organic compounds quantitated using EPA SW-846 Method 8240.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
6. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.

Soil Grab Sampling Program Analytical Results
RI/FS Soil Disposal Area (SWMU #16)
September 14, 1995

General Electric Company
Fort Edward, New York

Sample Locations

Compounds	SS-5	Blind Duplicate (SS-5)	SS-6	SS-7	Equipment Blank
Chloromethane	11 U	11 UJ	11 U	11 U	10 U
Bromomethane	11 UJ	11 UJ	11 UJ	11 U	10 U
Vinyl Chloride	11 U	11 UJ	11 U	11 U	10 U
Chloroethane	11 U	11 UJ	11 U	11 U	10 U
Methylene Chloride	5 U	5 UJ	5 U	6	5 U
Acetone	11 U	11 UJ	11 U	11 U	10 U
Carbon Disulfide	5 U	5 UJ	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 UJ	5 U	5 U	5 U
1,1 Dichloroethane	5 U	5 UJ	5 U	5 U	5 U
cis-1,2-Dichloroethene	5 U	5 UJ	5 U	5 U	5 U
trans-1,2-Dichloroethene	5 U	5 UJ	5 U	5 U	5 U
Chloroform	5 U	5 UJ	5 U	5 U	4 J
1,2-Dichloroethane	5 U	5 UJ	5 U	5 U	5 U
2-Butanone	5 UJ	5 UJ	5 U	5 U	5 U
1,1,1-Trichloroethane	5 UJ	5 UJ	5 U	5 U	5 U
Carbon Tetrachloride	5 UJ	5 UJ	5 U	5 U	5 U
Vinyl Acetate	11 UJ	11 UJ	11 U	11 U	10 U
Bromodichloromethane	5 UJ	5 UJ	5 U	5 U	5 U
1,2-Dichloropropane	5 UJ	5 UJ	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 UJ	5 UJ	5 U	5 U	5 U
Trichloroethene	5 UJ	5 UJ	5 U	5 U	5 U
Dibromochloromethane	5 UJ	5 UJ	5 U	5 U	5 U
1,1,2-Trichloroethane	5 UJ	5 UJ	5 U	5 U	5 U
Benzene	5 UJ	5 UJ	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 UJ	5 UJ	5 U	5 U	5 U
Bromoform	5 UJ	5 UJ	5 U	5 U	5 U
4-Methyl-2-pentanone	11 UJ	11 UJ	11 U	11 U	10 U
2-Hexanone	11 UJ	11 UJ	11 U	11 U	10 U

Notes:

1. All units in ug/kg (ppb), except for the equipment blank units are in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA SW-846 Method 8240.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
5. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
6. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

Soil Grab Sampling Program Analytical Results
RI/FS Soil Disposal Area (SWMU #16)
September 14, 1995

General Electric Company
Fort Edward, New York

Sample Locations

Compounds	SS-1	SS-2	SS-3	SS-4
Aroclor-1016 ✓	1,100 U	1,000 U	1,100 U	1,100 U
Aroclor-1221	1,100 U	1,000 U	1,100 U	1,100 U
Aroclor-1232	1,100 U	1,000 U	1,100 U	1,100 U
Aroclor-1242 ✓	1,300	960 J	500 J	1,100 U
Aroclor-1248	1,100 U	1,000 U	1,100 U	1,100 U
Aroclor-1254	870 J	1,600	160 J	1,100 U
Aroclor-1260	1,100 U	1,000 U	1,100 U	1,100 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

Soil Grab Sampling Program Analytical Results
RI/FS Soil Disposal Area (SWMU #16)
September 14, 1995

General Electric Company
Fort Edward, New York

Sample Locations

Compounds	SS-5	Blind Duplicate (SS-5)	SS-6	SS-7	Equipment Blank
Aroclor-1016	1,100 U	1,100 U	1,100 U	1,100 U	0.065 U
Aroclor-1221	1,100 U	1,100 U	1,100 U	1,100 U	0.065 U
Aroclor-1232	1,100 U	1,100 U	1,100 U	1,100 U	0.065 U
Aroclor-1242	290 J	320 J	1,100 U	1,100 U	0.065 U
Aroclor-1248	1,100 U	1,100 U	1,100 U	1,100 U	0.065 U
Aroclor-1254	1,100 U	1,100 U	1,100 U	1,100 U	0.065 U
Aroclor-1260	1,100 U	1,100 U	1,100 U	1,100 U	0.065 U

Notes:

1. All units in ug/kg (ppb), except for the equipment blank units are in ug/L (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

APPENDIX G-3

**Soil Quality Summary Tables
May 4 to 9, 1996**

RI/FS Soil Boring Program Analytical Results
Inside Building 40 Study
May 4 to 9, 1996
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-1 S-4 (6-7 FT)	FM-2 S-4 (5-7 FT)	FM-3 S-4 (5-6 FT)	FM-3 S-5 (7-7.4 FT)	FM-3 S-8 (13-15 FT)
Dichlorodifluoromethane	2,900 U	1,400 U	1,400 U	1,500 U	11 U
Chloromethane	2,900 U	1,400 U	1,400 U	1,500 U	11 U
Bromomethane	2,900 U	1,400 U	1,400 U	1,500 U	11 UJ
Vinyl Chloride	2,900 U	1,400 U	1,400 U	1,500 U	11 UJ
Chloroethane	2,900 U	1,400 U	1,400 U	1,500 U	11 U
Methylene Chloride	1,500 U	720 U	710 U	760 U	10 U
Acetone	2,900 U	1,400 U	1,400 U	1,500 U	11 U
Trichlorofluoromethane	1,500 U	720 U	710 U	760 U	5 U
Carbon Disulfide	1,500 U	720 U	710 U	760 U	5 U
1,1-Dichloroethene	1,500 U	720 U	710 U	760 U	5 U
1,1-Dichloroethane	1,500 UJ	720 UJ	710 UJ	760 UJ	5 UJ
Trans-1,2-Dichloroethene	1,500 U	720 U	710 U	760 U	5 U
2,2-Dichloropropane	1,500 U	720 U	710 U	760 U	5 U
Cis-1,2-Dichloroethene	1,500 U	720 U	710 U	760 U	5 U
Bromochloromethane	1,500 U	720 U	710 U	760 U	5 U
Chloroform	1,500 U	720 U	710 U	760 U	5 U
1,1-Dichloro-1-propene	1,500 U	720 U	710 U	760 U	5 U
1,2-Dichloroethane	1,500 U	720 U	710 U	760 U	5 U
2-Butanone	2,900 U	1,400 U	1,400 U	1,500 U	11 U
1,1,1-Trichloroethane	1,500 U	720 U	710 U	760 U	5 U
Carbon Tetrachloride	1,500 U	720 U	710 U	760 U	5 U
Vinyl Acetate	2,900 UJ	1,400 UJ	1,400 UJ	1,500 UJ	11 UJ
Bromodichloromethane	1,500 U	720 U	710 U	760 U	5 U
1,2-DiDichloropropane	1,500 U	720 U	710 U	760 U	5 U

1. All units in ug/kg (ppb).
2. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

RI/FS Soil Boring Program Analytical Results
Inside Building 40 Study
May 4 to 9, 1996
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-1 S-4 (6-7 FT)	FM-2 S-4 (5-7 FT)	FM-3 S-4 (5-6 FT)	FM-3 S-5 (7-7.4 FT)	FM-3 S-8 (13-15 FT)
Cis-1,3-Dichloropropene	1,500 U	720 U	710 U	760 U	5 U
1,2,3-Trichloropropane	2,900 U	1,400 U	1,400 U	1,500 U	11 U
Dibromomethane	1,500 U	720 U	710 U	760 U	5 U
Trichloroethene	1,500 U	720 U	710 U	760 U	5 U
Dibromochloromethane	1,500 U	720 U	710 U	760 U	5 U
1,1,2-Trichloroethane	1,500 U	720 U	710 U	760 U	5 U
Benzene	1,500 U	720 U	710 U	760 U	5 U
Trans-1,3-Dichloropropene	1,500 U	720 U	710 U	760 U	5 U
1,3-Dichloropropane	1,500 U	720 U	710 U	760 U	5 U
Bromoform	1,500 U	720 U	710 U	760 U	5 U
2-Hexanone	2,900 U	1,400 U	1,400 U	1,500 U	11 U
4-Methyl-2-Pentanone	2,900 U	1,400 U	1,400 U	1,500 U	11 U
Tetrachloroethene	1,500 U	720 U	710 U	760 U	5 U
1,1,2,2-Tetrachloroethane	1,500 U	720 U	710 U	760 U	5 U
Ethylene Dibromide (EDB)	1,500 U	720 U	710 U	760 U	5 U
Toluene	1,500 U	720 U	710 U	760 U	5 U
Chlorobenzene	1,500 U	720 U	710 U	760 U	5 U
1,1,1,2-Tetrachloroethane	1,500 U	720 U	710 U	760 U	5 U
Ethylbenzene	840 J	720 U	710 U	760 U	5 U
Styrene	1,500 U	720 U	710 U	760 U	5 U
Total-Xylenes	1,500 U	720 U	710 U	760 U	5 U
Isopropylbenzene	880 J	190 J	450 J	760 U	5 U
n-Propylbenzene	2,500	690 J	1,400	710 J	5 U
Bromobenzene	1,500 U	720 U	710 U	760 U	5 U

1. All units in ug/kg (ppb).
2. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "JJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

RI/FS Soil Boring Program Analytical Results
Inside Building 40 Study
May 4 to 9, 1996
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-1 S-4 (6-7 FT)	FM-2 S-4 (5-7 FT)	FM-3 S-4 (5-6 FT)	FM-3 S-5 (7-7.4 FT)	FM-3 S-8 (13-15 FT)
1,3,5-Trimethylbenzene	1,500 U	360 J	710 U	760 U	5 U
2-Chlorotoluene	1,500 U	720 U	710 U	760 U	5 U
4-Chlorotoluene	1,500 U	720 U	710 U	760 U	5 U
tert-Butylbenzene	1,500 U	720 U	710 U	760 U	5 U
1,2,4-Trimethylbenzene	1,500 U	720 U	710 U	760 U	5 U
sec-Butylbenzene	2,800	700 J	1,700	900	5 U
p-Cymene	1,200 J	360 J	700 J	760 U	5 U
n-Butylbenzene	5,900	1,400	3,300	2,000	5 U
1,2-Dibromo-3-Chloro-Propane	1,500 U	720 U	710 U	760 U	5 U
1,2,4-Trichlorobenzene	1,500 U	720 U	710 U	760 U	5 U
Hexachlorobutadiene	1,500 U	720 U	710 U	760 U	5 U
Naphthalene	48,000	13,000	20,000	13,000	5 U
1,2,3-Trichlorobenzene	1,500 U	720 U	710 U	760 U	5 U
Total Aggregate:	62,120	16,700	27,550	16,610	0

Notes:

1. All units in ug/kg (ppb).
2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

RI/FS Soil Boring Program Analytical Results
Inside Building 40 Study
May 4 to 9, 1996
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-4 S-3 (5-7 FT)	FM-4 S-4 (7-7.4 FT)	FM-5 S-2 (2-4 FT)	FM-5 S-4 (5-7 FT)	FM-6 S-5 (7-9 FT)
Dichlorodifluoromethane	1,400 U	1,400 U	11 U	1,400 U	3,000 U
Chloromethane	1,400 U	1,400 U	11 U	1,400 U	3,000 U
Bromomethane	1,400 U	1,400 U	11 UJ	1,400 U	3,000 U
Vinyl Chloride	1,400 U	1,400 U	11 UJ	1,400 U	3,000 U
Chloroethane	1,400 U	1,400 U	11 U	1,400 U	3,000 U
Methylene Chloride	690 U	690 U	18 U	710 U	1,500 U
Acetone	1,400 U	1,400 U	19	1,400 U	3,000 U
Trichlorofluoromethane	690 U	690 U	5 U	710 U	1,500 U
Carbon Disulfide	690 U	690 U	5 U	710 U	1,500 U
1,1-Dichloroethene	690 U	690 U	5 U	710 U	1,500 U
1,1-Dichloroethane	690 UJ	690 UJ	5 UJ	710 UJ	1,500 UJ
Trans-1,2-Dichloroethene	690 U	690 U	5 U	710 U	1,500 U
2,2-Dichloropropane	690 U	690 U	5 U	710 U	1,500 U
Cis-1,2-Dichloroethene	690 U	690 U	5 U	710 U	1,500 U
Bromochloromethane	690 U	690 U	5 U	710 U	1,500 U
Chloroform	690 U	690 U	5 U	710 U	1,500 U
1,1-Dichloro-1-propene	690 U	690 U	5 U	710 U	1,500 U
1,2-Dichloroethane	690 U	690 U	5 U	710 U	1,500 U
2-Butanone	1,400 U	1,400 U	11 U	1,400 U	3,000 U
1,1,1-Trichloroethane	690 U	690 U	5 U	710 U	1,500 U
Carbon Tetrachloride	690 U	690 U	5 U	710 U	1,500 U
Vinyl Acetate	1,400 UJ	1,400 UJ	11 UJ	1,400 UJ	3,000 UJ
Bromodichloromethane	690 U	690 U	5 U	710 U	1,500 U
1,2-DiDichloropropane	690 U	690 U	5 U	710 U	1,500 U

1. All units in ug/kg (ppb).
2. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

RI/FS Soil Boring Program Analytical Results
Inside Building 40 Study
May 4 to 9, 1996
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-4 S-3 (5-7 FT)	FM-4 S-4 (7-7.4 FT)	FM-5 S-2 (2-4 FT)	FM-5 S-4 (5-7 FT)	FM-6 S-5 (7-9 FT)
Cis-1,3-Dichloropropene	690 U	690 U	5 U	710 U	1,500 U
1,2,3-Trichloropropane	1,400 U	1,400 U	11 U	1,400 U	3,000 U
Dibromomethane	690 U	690 U	5 U	710 U	1,500 U
Trichloroethene	690 U	690 U	5 U	710 U	1,500 U
Dibromochloromethane	690 U	690 U	5 U	710 U	1,500 U
1,1,2-Trichloroethane	690 U	690 U	5 U	710 U	1,500 U
Benzene	690 U	690 U	5 U	710 U	1,500 U
Trans-1,3-Dichloropropene	690 U	690 U	5 U	710 U	1,500 U
1,3-Dichloropropane	690 U	690 U	5 U	710 U	1,500 U
Bromoform	690 U	690 U	5 U	710 U	1,500 U
2-Hexanone	1,400 U	1,400 U	11 U	1,400 U	3,000 U
4-Methyl-2-Pentanone	1,400 U	1,400 U	11 U	1,400 U	3,000 U
Tetrachloroethene	690 U	690 U	5 U	710 U	1,500 U
1,1,2,2-Tetrachloroethane	690 U	690 U	5 U	710 U	1,500 U
Ethylene Dibromide (EDB)	690 U	690 U	5 U	710 U	1,500 U
Toluene	690 U	690 U	5 U	710 U	1,500 U
Chlorobenzene	690 U	690 U	5 U	710 U	1,500 U
1,1,1,2-Tetrachloroethane	690 U	690 U	5 U	710 U	1,500 U
Ethylbenzene	340 J	690 U	5 U	710 U	1,800
Styrene	690 U	690 U	5 U	710 U	1,500 U
Total-Xylenes	690 U	690 U	5 U	710 U	1,500 U
Isopropylbenzene	490 J	690 U	5 U	250 J	1,500
n-Propylbenzene	1,600	390 J	5 U	640 J	3,900
Bromobenzene	690 U	690 U	5 U	710 U	1,500 U

1. All units in ug/kg (ppb).
2. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

RI/FS Soil Boring Program Analytical Results
Inside Building 40 Study
May 4 to 9, 1996
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-4 S-3 (5-7 FT)	FM-4 S-4 (7-7.4 FT)	FM-5 S-2 (2-4 FT)	FM-5 S-4 (5-7 FT)	FM-6 S-5 (7-9 FT)
1,3,5-Trimethylbenzene	690 U	690 U	5 U	420 J	1,500 U
2-Chlorotoluene	690 U	690 U	5 U	710 U	1,500 U
4-Chlorotoluene	690 U	690 U	5 U	710 U	1,500 U
tert-Butylbenzene	690 U	690 U	5 U	710 U	1,500 U
1,2,4-Trimethylbenzene	690 U	690 U	5 U	780	1,500 U
sec-Butylbenzene	2,300	740	5 U	620 J	4,700
p-Cymene	950	320 J	5 U	850	7,900
n-Butylbenzene	4,400	1,800	5 U	1,500	8,900
1,2-Dibromo-3-Chloro-Propane	690 U	690 U	5 U	710 U	1,500 U
1,2,4-Trichlorobenzene	690 U	690 U	5 U	710 U	1,500 U
Hexachlorobutadiene	690 U	690 U	5 U	710 U	1,500 U
Naphthalene	24,000	11,000	19 J	12,000	51,000
1,2,3-Trichlorobenzene	690 U	690 U	5 U	710 U	1,500 U
Total Aggregate:	34,080	14,250	38	17,060	79,700

Notes:

1. All units in ug/kg (ppb).
2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

RI/FS Soil Boring Program Analytical Results
Inside Building 40 Study
May 4 to 9, 1996
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-7 S-2 (2-4 FT)	FM-7 S-4 (6-7 FT)	X-1 (FM-7 S-4 Dup.)	FM-8 S-5 (6-8 FT)	FM-9 S-2 (2-4 FT)	FM-9 S-4 (6-7 FT)
Dichlorodifluoromethane	11 U	1,500 U	1,500 U	12 U	11 U	2,900 U
Chloromethane	11 U	1,500 U	1,500 U	12 U	11 U	2,900 U
Bromomethane	11 U	1,500 U	1,500 U	12 U	11 U	2,900 U
Vinyl Chloride	11 U	1,500 U	1,500 U	12 U	11 U	2,900 U
Chloroethane	11 U	1,500 U	1,500 U	12 U	11 U	2,900 U
Methylene Chloride	5 U	740 U	740 U	6 U	5 U	1,500 U
Acetone	11 UJ	1,500 U	1,500 U	12 UJ	11 UJ	2,900 U
Trichlorofluoromethane	5 UJ	740 U	740 U	6 UJ	5 UJ	1,500 U
Carbon Disulfide	5 U	740 U	740 U	6 U	5 U	1,500 U
1,1-Dichloroethene	5 U	740 U	740 U	6 U	5 U	1,500 U
1,1-Dichloroethane	5 U	740 U	740 U	6 U	5 U	1,500 U
Trans-1,2-Dichloroethene	5 U	740 U	740 U	6 U	5 U	1,500 U
2,2-Dichloropropane	5 U	740 U	740 U	6 U	5 U	1,500 U
Cis-1,2-Dichloroethene	5 U	740 U	740 U	6 U	5 U	1,500 U
Bromochloromethane	5 U	740 U	740 U	6 U	5 U	1,500 U
Chloroform	5 UJ	740 U	740 U	6 UJ	5 UJ	1,500 U
1,1-Dichloro-1-propene	5 U	740 U	740 U	6 U	5 U	1,500 U
1,2-Dichloroethane	5 U	740 U	740 U	6 U	5 U	1,500 U
2-Butanone	11 U	1,500 U	1,500 U	12 U	11 U	2,900 U
1,1,1-Trichloroethane	5 U	740 U	740 U	6 U	5 U	1,500 U
Carbon Tetrachloride	5 U	740 U	740 U	6 U	5 U	1,500 U
Vinyl Acetate	11 U	1,500 U	1,500 U	12 U	11 U	2,900 U
Bromodichloromethane	5 U	740 U	740 U	6 U	5 U	1,500 U
1,2-DiDichloropropane	5 U	740 U	740 U	6 U	5 U	1,500 U

1. All units in ug/kg (ppb).

2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.

3. All analyses performed by Adirondack Environmental Services, Inc.

4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

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General Electric Company
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Compounds	Sample Locations (Sample Depth)					
	FM-7 S-2 (2-4 FT)	FM-7 S-4 (6-7 FT)	X-1 (FM-7 S-4 Dup.)	FM-8 S-5 (6-8 FT)	FM-9 S-2 (2-4 FT)	FM-9 S-4 (6-7 FT)
Cis-1,3-Dichloropropene	5 U	740 U	740 U	6 U	5 U	1,500 U
1,2,3-Trichloropropane	11 U	1,500 U	1,500 U	12 U	11 U	2,900 U
Dibromomethane	5 U	740 U	740 U	6 U	5 U	1,500 U
Trichloroethene	5 U	740 U	740 U	6 U	5 U	1,500 U
Dibromochloromethane	5 U	740 U	740 U	6 U	5 U	1,500 U
1,1,2-Trichloroethane	5 U	740 U	740 U	6 U	5 U	1,500 U
Benzene	5 U	740 U	740 U	6 U	5 U	1,500 U
Trans-1,3-Dichloropropene	5 U	740 U	740 U	6 U	5 U	1,500 U
1,3-Dichloropropane	5 U	740 U	740 U	6 U	5 U	1,500 U
Bromoform	5 U	740 U	740 U	6 U	5 U	1,500 U
2-Hexanone	11 U	1,500 U	1,500 U	12 U	11 U	2,900 U
4-Methyl-2-Pentanone	11 U	1,500 U	1,500 U	12 U	11 U	2,900 U
Tetrachloroethene	5 U	740 U	740 U	6 U	5 U	1,500 U
1,1,2,2-Tetrachloroethane	5 U	740 U	740 U	6 U	5 U	1,500 U
Ethylene Dibromide (EDB)	5 U	740 U	740 U	6 U	5 U	1,500 U
Toluene	5 U	740 UJ	320 J	6 U	5 U	1,500 UJ
Chlorobenzene	5 U	740 U	740 U	6 U	5 U	1,500 U
1,1,1,2-Tetrachloroethane	5 U	740 U	740 U	6 U	5 U	1,500 U
Ethylbenzene	5 U	740 U	350 J	6 U	5 U	2,500
Styrene	5 U	740 U	740 U	6 U	5 U	1,500 U
Total-Xylenes	5 U	740 U	740 U	6 U	5 U	4,300
Isopropylbenzene	5 U	710 U	450 J	7	5 U	2,400
n-Propylbenzene	5 U	1,000	1,200	6 U	5 U	5,200
Bromobenzene	5 U	740 U	740 U	6 U	5 U	1,500 U

1. All units in ug/kg (ppb).

2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.

3. All analyses performed by Adirondack Environmental Services, Inc.

4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

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General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-7 S-2 (2-4 FT)	FM-7 S-4 (6-7 FT)	X-1 (FM-7 S-4 Dup.)	FM-8 S-5 (6-8 FT)	FM-9 S-2 (2-4 FT)	FM-9 S-4 (6-7 FT)
1,3,5-Trimethylbenzene	5 U	740 U	740 U	6 U	5 U	1,500 U
2-Chlorotoluene	5 U	740 U	740 U	6 U	5 U	1,500 U
4-Chlorotoluene	5 U	740 U	740 U	6 U	5 U	1,500 U
tert-Butylbenzene	5 U	740 U	740 U	6 U	5 U	1,500 U
1,2,4-Trimethylbenzene	5 U	740 U	740 U	6 U	5 U	40,000
sec-Butylbenzene	5 U	1,300	1,400	29	5 U	6,500
p-Cymene	5 U	490 J	740 J	18	5 U	8,300
n-Butylbenzene	5 U	2,600	2,800	61	5 U	15,000
1,2-Dibromo-3-Chloro-Propane	5 U	740 U	740 U	6 U	5 U	1,500 U
1,2,4-Trichlorobenzene	5 U	740 U	740 U	6 U	5 U	1,500 U
Hexachlorobutadiene	5 U	740 U	740 U	6 U	5 U	1,500 U
Naphthalene	5 U	16,000	22,000	100 J	5 U	67,000 J
1,2,3-Trichlorobenzene	5 U	740 U	740 U	6 U	5 U	1,500 U
Total Aggregate:	0	21,390	28,520	215 J	0	151,200

Notes:

1. All units in ug/kg (ppb).
2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

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Fort Edward, New York

Compounds	Sample Locations (Sample Depth)					
	FM-10 S-1 (1.5-3 FT)	FM-10 S-3 (5-7 FT)	FM-11 S-2 (3-5 FT)	FM-11 S-3 (6-6.5 FT)	FM-12 S-2 (3-5 FT)	FM-12 S-4 (7-9 FT)
Dichlorodifluoromethane	11 U	1,500 U	1,300 U	1,500 U	1,300 U	1,500 U
Chloromethane	11 U	1,500 U	1,300 U	1,500 U	1,300 U	1,500 U
Bromomethane	11 U	1,500 U	1,300 U	1,500 U	1,300 U	1,500 U
Vinyl Chloride	11 U	1,500 U	1,300 U	1,500 U	1,300 U	1,500 U
Chloroethane	11 U	1,500 U	1,300 U	1,500 U	1,300 U	1,500 U
Methylene Chloride	5 U	760 U	650 U	740 U	670 U	740 U
Acetone	11 UJ	1,500 U	1,300 U	1,500 U	1,300 U	1,500 U
Trichlorofluoromethane	5 UJ	760 U	650 U	740 U	670 U	740 U
Carbon Disulfide	5 U	760 U	650 U	740 U	670 U	740 U
1,1-Dichloroethene	5 U	760 U	650 U	740 U	670 U	740 U
1,1-Dichloroethane	5 U	760 U	650 U	740 U	670 U	740 U
Trans-1,2-Dichloroethene	5 U	760 U	650 U	740 U	670 U	740 U
2,2-Dichloropropane	5 U	760 U	650 U	740 U	670 U	740 U
Cis-1,2-Dichloroethene	5 U	760 U	650 U	740 U	670 U	740 U
Bromochloromethane	5 U	760 U	650 U	740 U	670 U	740 U
Chloroform	5 UJ	760 U	650 U	740 U	670 U	740 U
1,1-Dichloro-1-propene	5 U	760 U	650 U	740 U	670 U	740 U
1,2-Dichloroethane	5 U	760 U	650 U	740 U	670 U	740 U
2-Butanone	11 U	1,500 U	1,300 U	1,500 U	1,300 U	1,500 U
1,1,1-Trichloroethane	5 U	760 U	650 U	2,000	670 U	740 U
Carbon Tetrachloride	5 U	760 U	650 U	740 U	670 U	740 U
Vinyl Acetate	11 U	1,500 U	1,300 U	1,500 U	1,300 UJ	1,500 U
Bromodichloromethane	5 U	760 U	650 U	740 U	670 U	740 U
1,2-DiDichloropropane	5 U	760 U	650 U	740 U	670 U	740 U

1. All units in ug/kg (ppb).
2. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

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General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-10 S-1 (1.5-3 FT)	FM-10 S-3 (5-7 FT)	FM-11 S-2 (3-5 FT)	FM-11 S-3 (6-6.5 FT)	FM-12 S-2 (3-5 FT)	FM-12 S-4 (7-9 FT)
Cis-1,3-Dichloropropene	5 U	760 U	650 U	740 U	670 U	740 U
1,2,3-Trichloropropane	11 U	1,500 U	1,300 U	1,500 U	1,300 U	1,500 U
Dibromomethane	5 U	760 U	650 U	740 U	670 U	740 U
Trichloroethene	5 U	760 U	650 U	740 U	670 U	740 U
Dibromochloromethane	5 U	760 U	650 U	740 U	670 U	740 U
1,1,2-Trichloroethane	5 U	760 U	650 U	740 U	670 U	740 U
Benzene	5 U	760 U	650 U	740 U	670 U	740 U
Trans-1,3-Dichloropropene	5 U	760 U	650 U	740 U	670 U	740 U
1,3-Dichloropropane	5 U	760 U	650 U	740 U	670 U	740 U
Bromoform	5 U	760 U	650 U	740 U	670 U	740 U
2-Hexanone	11 U	1,500 U	1,300 U	1,500 U	1,300 U	1,500 U
4-Methyl-2-Pentanone	11 U	1,500 U	1,300 U	1,500 U	1,300 U	1,500 U
Tetrachloroethene	5 U	760 U	650 U	740 U	670 U	740 U
1,1,2,2-Tetrachloroethane	5 U	760 U	650 U	740 U	670 U	740 U
Ethylene Dibromide (EDB)	5 U	760 U	650 U	740 U	670 U	740 U
Toluene	5 U	760 UJ	220 J	350 J	670 U	250 J
Chlorobenzene	5 U	760 UJ	650 UJ	740 UJ	670 U	740 UJ
1,1,1,2-Tetrachloroethane	5 U	760 U	650 U	740 U	670 U	740 U
Ethylbenzene	5 U	760 U	290 J	3,100	670 U	330 J
Styrene	5 U	760 U	650 U	740 U	670 U	740 U
Total-Xylenes	5 U	760 U	650 U	740 U	670 U	740 U
Isopropylbenzene	5 U	760 U	650 U	220 J	670 U	570 J
n-Propylbenzene	5 U	330 J	650 U	570 J	670 U	1,200
Bromobenzene	5 U	760 U	650 U	740 U	670 U	740 U

1. All units in ug/kg (ppb).

2. Volatile organic compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.

3. All analyses performed by Adirondack Environmental Services, Inc.

4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

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Fort Edward, New York

Compounds	Sample Locations (Sample Depth)					
	FM-10 S-1 (1.5-3 FT)	FM-10 S-3 (5-7 FT)	FM-11 S-2 (3-5 FT)	FM-11 S-3 (6-6.5 FT)	FM-12 S-2 (3-5 FT)	FM-12 S-4 (7-9 FT)
1,3,5-Trimethylbenzene	5 U	760 U	540 J	5,300	670 U	740 U
2-Chlorotoluene	5 U	760 U	650 U	740 U	670 U	740 U
4-Chlorotoluene	5 U	760 U	650 U	740 U	670 U	740 U
tert-Butylbenzene	5 U	760 U	650 U	740 U	670 U	740 U
1,2,4-Trimethylbenzene	5 U	760 U	1,100	12,000	670 U	740 U
sec-Butylbenzene	3 J	530 J	650 U	490 J	670 U	1,900
p-Cymene	3 J	660 J	140 J	690 J	670 U	740 U
n-Butylbenzene	3 J	1,200	650 U	740 U	670 U	3,800
1,2-Dibromo-3-Chloro-Propane	5 U	760 U	650 U	740 U	670 U	740 U
1,2,4-Trichlorobenzene	5 U	760 U	650 U	740 U	670 U	740 U
Hexachlorobutadiene	5 U	760 U	650 U	740 U	670 U	740 U
Naphthalene	5 UJ	4,800	1,300	8,100	1,600	24,000
1,2,3-Trichlorobenzene	5 U	760 U	650 U	740 U	1,200	740 U
Total Aggregate:	9 J	7,520	3,590	32,820	2,800	32,050

Notes:

1. All units in ug/kg (ppb).
2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

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General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-1 S-4 (6-7 FT)	FM-2 S-4 (5-7 FT)	FM-3 S-4 (5-6.4 FT)	FM-3 S-5 (7-7.4 FT)	FM-3 S-8 (13-15 FT)
Aroclor-1016	1,200 U	1,100 U	1,100 U	1,200 U	1,100 U
Aroclor-1221	1,200 U	1,100 U	1,100 U	1,200 U	1,100 U
Aroclor-1232	1,200 U	1,100 U	1,100 U	1,200 U	1,100 U
Aroclor-1242	1,200	99 J	91 J	78 J	1,100 U
Aroclor-1248	1,200 U	1,100 U	1,100 U	1,200 U	1,100 U
Aroclor-1254	760 J	27 J	1,100 U	1,200 U	1,100 U
Aroclor-1260	1,200 U	1,100 U	1,100 U	1,200 U	1,100 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

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General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-4 S-3 (5-7 FT)	FM-4 S-4 (7-7.4 FT)	FM-5 S-2 (2-4 FT)	FM-5 S-4 (5-7 FT)	FM-6 S-5 (7-9 FT)
Aroclor-1016	1,100 U	1,100 U	1,100 U	1,100 U	1,200 U
Aroclor-1221	1,100 U	1,100 U	1,100 U	1,100 U	1,200 U
Aroclor-1232	1,100 U	1,100 U	1,100 U	1,100 U	1,200 U
Aroclor-1242	680 J	440 J	1,100 U	130 J	14,000
Aroclor-1248	1,100 U	1,100 U	1,100 U	1,100 U	1,200 U
Aroclor-1254	86 J	100 J	1,100 U	27 J	1,200 U
Aroclor-1260	1,100 U	1,100 U	1,100 U	1,100 U	1,200 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

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Sample Locations
(Sample Depth)

Compounds	FM-7 S-2 (2-4 FT)	FM-7 S-4 (6-7 FT)	X-1 (FM-7 S-4 Dup.)	FM-8 S-5 (6-8 FT)	FM-9 S-2 (2-4 FT)	FM-9 S-4 (6-7 FT)
Aroclor-1016	1,100 U	1,200 U	1,200 U	1,200 U	1,100 U	1,200 U
Aroclor-1221	1,100 U	1,200 U	1,200 U	1,200 U	1,100 U	1,200 U
Aroclor-1232	1,100 U	1,200 U	1,200 U	1,200 U	1,100 U	1,200 U
Aroclor-1242	1,100 U	160 J	240 J	520 J	500 J	2,000
Aroclor-1248	1,100 U	1,200 U	1,200 U	1,200 U	1,100 U	1,200 U
Aroclor-1254	57 J	39 J	49 J	160 J	170 J	1,200 U
Aroclor-1260	1,100 U	1,200 U	1,200 U	1,200 U	1,100 U	1,200 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

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General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	FM-10 S-1 (0.5-3 FT)	FM-10 S-3 (5-7 FT)	FM-11 S-2 (3-5 FT)	FM-11 S-3 (6-6.5 FT)	FM-12 S-2 (3-5 FT)	FM-12 S-4 (7-9 FT)
Aroclor-1016	1,100 U	1,200 U	1,000 U	1,200 U	1,100 U	1,200 U
Aroclor-1221	1,100 U	1,200 U	1,000 U	1,200 U	1,100 U	1,200 U
Aroclor-1232	1,100 U	1,200 U	1,000 U	1,200 U	1,100 U	1,200 U
Aroclor-1242	1,000 J	1,300	1,000 U	1,200 U	610 J	8,900
Aroclor-1248	1,100 U	1,200 U	1,000 U	1,200 U	1,100 U	1,200 U
Aroclor-1254	91 J	91 J	1,000 U	1,200 U	940 J	1,100 J
Aroclor-1260	1,100 U	1,200 U	1,000 U	1,200 U	1,100 U	1,200 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

APPENDIX G-4

**Soil Quality Summary Tables
May 20, 1996**

RI/FS Soil Boring Program Analytical Results Expanded Shallow Unconsolidated Aquifer Study

May 20, 1996

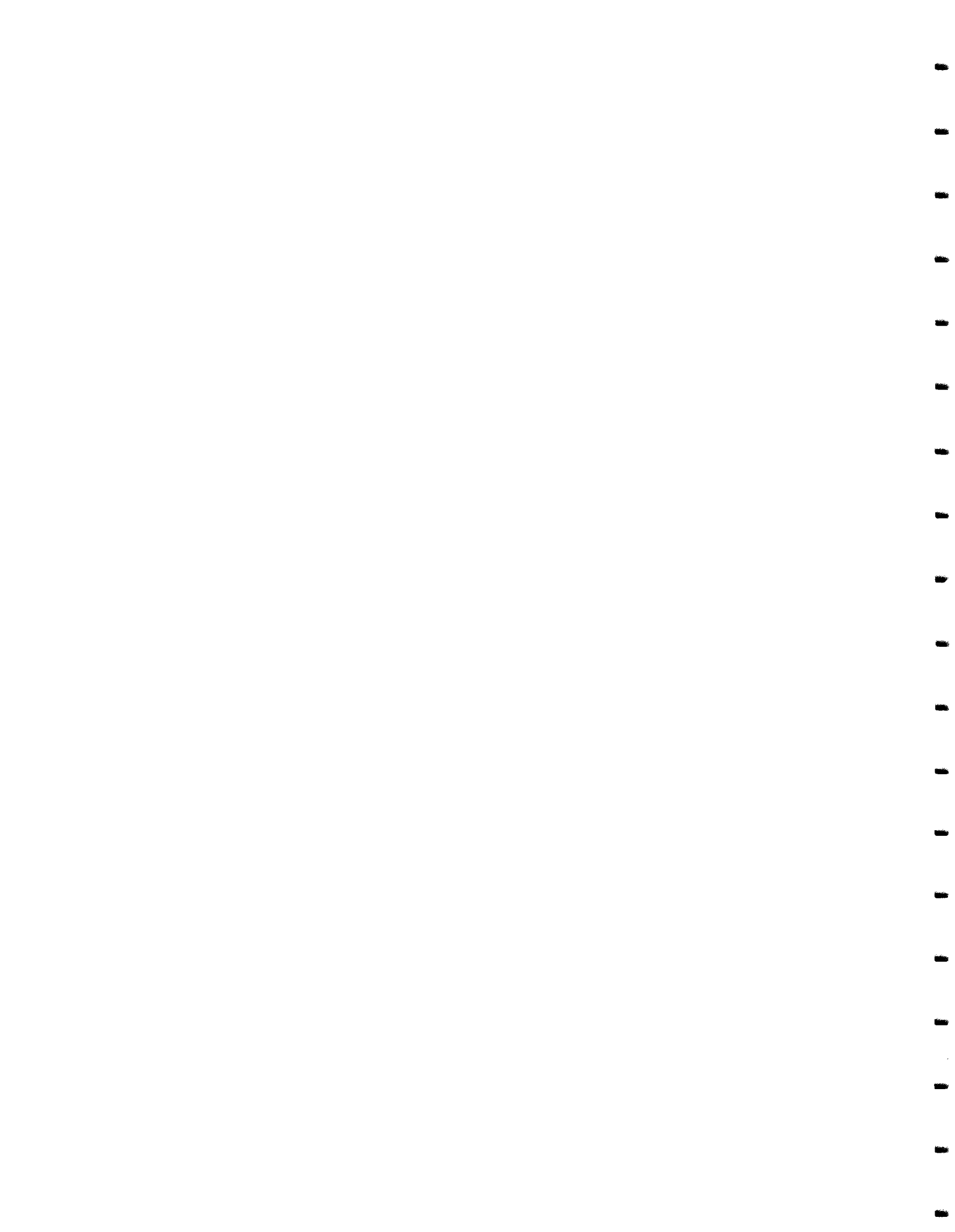
**General Electric Company
Fort Edward, New York**

Sample Locations (Sample Depth)

Compounds	OBG-69 S-1b (2.5-3.3 FT)	OBG-70 S-2a (2-3.2 FT)	OBG-71 S-2 (2-3.1 FT)
1,4-Dichlorobenzene	400 U	370 U	370 U
N-Nitroso-Di-n-propylamine	400 U	370 U	370 U
1,2,4-Trichlorobenzene	400 U	370 U	370 U
Naphthalene	400 U	370 U	370 U
Acenaphthene	400 U	370 U	370 U
2,4-Dinitrotoluene	400 UJ	370 UJ	370 UJ
Fluorene	400 U	370 U	370 U
Phenanthrene	400 U	370 U	370 U
Anthracene	400 U	370 U	370 U
Fluoranthene	400 U	370 U	370 U
Pyrene	400 U	370 U	370 U
Benzo (a) Anthracene	400 U	370 U	370 U
Chrysene	400 U	370 U	370 U
Benzo (b) Fluoranthene	400 U	370 U	370 U
Benzo (k) Fluoranthene	400 U	370 U	370 U
Benzo (a) Pyrene	400 U	370 U	370 U
Indeno (1,2,3-cd) Pyrene	400 U	370 U	370 U
Dibenzo (a,h) Anthracene	400 U	370 U	370 U
Benzo (g,h,i) Perylene	400 U	370 U	370 U
2-Methylnaphthalene	400 U	370 U	370 U

Notes:

1. All units in ug/kg (ppb).
2. Polynuclear Aromatic Hydrocarbons quantitated using EPA SW-846 Method 8270.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.



APPENDIX G-5

**Soil Quality Summary Tables
May 21 and 22, 1996**

RI/FS Soil Boring Program Analytical Results
Expanded Shallow Unconsolidated Aquifer Study
May 21 and 22, 1996
General Electric Company
Fort Edward, New York

Compounds	Sample Locations (Sample Depth)				
	LF-1 S-3 (6-7.9 FT)	LF-2 S-2 (4-5.6 FT)	LF-3 S-3 (8-9.6 FT)	X-1 (LF-3 Dup.)	LF-4 S-2 (4-5.9 FT) (OBG-83)
Dichlorodifluoromethane	12 U	11 UJ	11 U	11 U	11 U
Chloromethane	12 U	11 UJ	11 U	11 U	11 U
Bromomethane	12 U	11 UJ	11 U	11 U	11 U
Vinyl Chloride	R	R	11 U	R	R
Chloroethane	12 U	11 UJ	11 U	11 U	11 U
Methylene Chloride	6 U	6 UJ	6 U	6 U	6 U
Acetone	12 U	11 UJ	11 U	11 U	11 U
Trichlorofluoromethane	6 U	6 UJ	6 U	6 U	6 U
Carbon Disulfide	6 U	6 UJ	6 U	6 U	6 U
1,1-Dichloroethene	6 U	6 UJ	6 U	6 U	6 U
1,1-Dichloroethane	6 UJ	6 UJ	6 U	6 UJ	6 UJ
Trans-1,2-Dichloroethene	6 U	6 UJ	6 U	6 U	6 U
2,2-Dichloropropane	6 U	6 UJ	6 U	6 U	6 U
Cis-1,2-Dichloroethene	6 U	6 UJ	6 U	6 U	6 U
Bromochloromethane	6 U	6 UJ	6 U	6 U	6 U
Chloroform	6 U	6 UJ	6 U	6 U	6 U
1,1-Dichloro-1-propene	6 U	6 UJ	6 U	6 U	6 U
1,2-Dichloroethane	6 U	6 UJ	6 U	6 U	6 U
2-Butanone	12 U	11 UJ	11 U	11 U	11 U
1,1,1-Trichloroethane	6 U	6 UJ	6 U	6 U	6 U
Carbon Tetrachloride	6 U	6 UJ	6 U	6 U	6 U
Vinyl Acetate	12 U	11 UJ	11 U	11 U	11 U
Bromodichloromethane	6 U	6 UJ	6 U	6 U	6 U
1,2-DiDichloropropane	6 U	6 UJ	6 U	6 U	6 U

1. All units in ug/kg (ppb).
2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
6. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.

RI/FS Soil Boring Program Analytical Results
Expanded Shallow Unconsolidated Aquifer Study
May 21 and 22, 1996
General Electric Company
Fort Edward, New York

Compounds	Sample Locations (Sample Depth)				
	LF-1 S-3 (6-7.9 FT)	LF-2 S-2 (4-5.6 FT)	LF-3 S-3 (8-9.6 FT)	X-1 (LF-3 Dup.)	LF-4 S-2 (4-5.9 FT) (OBG-83)
Cis-1,3-Dichloropropene	6 U	6 UJ	6 U	6 U	6 U
1,2,3-Trichloropropane	12 U	11 UJ	11 U	11 U	11 U
Dibromomethane	6 U	6 UJ	6 U	6 U	6 U
Trichloroethene	6 U	6 UJ	6 U	6 U	6 U
Dibromochloromethane	6 U	6 UJ	6 U	6 U	6 U
1,1,2-Trichloroethane	6 U	6 UJ	6 U	6 U	6 U
Benzene	6 U	6 UJ	6 U	6 U	6 U
Trans-1,3-Dichloropropene	6 U	6 UJ	6 U	6 U	6 U
1,3-Dichloropropane	6 U	6 UJ	6 U	6 U	6 U
Bromoform	6 U	6 UJ	6 U	6 U	6 U
2-Hexanone	12 U	11 UJ	11 U	11 UJ	11 U
4-Methyl-2-Pentanone	12 U	11 UJ	11 U	11 UJ	11 U
Tetrachloroethene	6 U	6 UJ	6 U	6 UJ	6 U
1,1,2,2-Tetrachloroethane	6 U	6 UJ	6 U	6 UJ	6 U
Ethylene Dibromide (EDB)	6 U	6 UJ	6 U	6 UJ	6 U
Toluene	6 U	6 UJ	6 U	6 UJ	6 U
Chlorobenzene	6 U	6 UJ	6 U	6 UJ	6 U
1,1,1,2-Tetrachloroethane	6 U	6 UJ	6 U	6 UJ	6 U
Ethylbenzene	6 U	6 UJ	6 U	6 UJ	6 U
Styrene	6 U	6 UJ	6 U	6 UJ	6 U
Total-Xylenes	6 U	6 UJ	6 U	6 UJ	6 U
Isopropylbenzene	6 U	6 UJ	6 U	6 UJ	6 U
n-Propylbenzene	6 U	6 UJ	6 U	6 UJ	6 U
Bromobenzene	6 U	6 UJ	6 U	6 UJ	6 U

1. All units in ug/kg (ppb).
2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
6. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.

RI/FS Soil Boring Program Analytical Results
Expanded Shallow Unconsolidated Aquifer Study
May 21 and 22, 1996
General Electric Company
Fort Edward, New York

Compounds	Sample Locations (Sample Depth)				
	LF-1 S-3 (6-7.9 FT)	LF-2 S-2 (4-5.6 FT)	LF-3 S-3 (8-9.6 FT)	X-1 (LF-3 Dup.)	LF-4 S-2 (4-5.9 FT) (OBG-83)
1,3,5-Trimethylbenzene	6 U	6 UJ	6 U	6 UJ	6 U
2-Chlorotoluene	6 U	6 UJ	6 U	6 UJ	6 U
4-Chlorotoluene	6 U	6 UJ	6 U	6 UJ	6 U
tert-Butylbenzene	6 U	6 UJ	6 U	6 UJ	6 U
1,2,4-Trimethylbenzene	6 U	6 UJ	6 U	6 UJ	6 U
sec-Butylbenzene	6 U	6 UJ	6 U	6 UJ	6 U
p-Cymene	6 U	6 UJ	6 U	6 UJ	6 U
n-Butylbenzene	6 U	6 UJ	6 U	6 UJ	6 U
1,2-Dibromo-3-Chloro-Propane	6 U	6 UJ	6 U	6 UJ	6 U
1,2,4-Trichlorobenzene	6 U	6 UJ	6 U	6 UJ	6 U
Hexachlorobutadiene	6 U	6 UJ	6 U	6 UJ	6 U
Naphthalene	6 U	6 UJ	6 U	6 UJ	6 U
1,2,3-Trichlorobenzene	6 U	6 UJ	6 U	6 UJ	6 U
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/kg (ppb).
2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
6. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.

RI/FS Soil Boring Program Analytical Results
Expanded Shallow Unconsolidated Aquifer Study
May 21 and 22, 1996

General Electric Company
Fort Edward, New York

Compounds	Sample Locations (Sample Depth)				
	LF-1 S-3 (6-7.9 FT)	LF-2 S-2 (4-5.6 FT)	LF-3 S-3 (8-9.6 FT)	X-1 (LF-3 Dup.)	LF-4 S-2 (4-5.9 FT) (OBG-83)
Aroclor-1016	24,000 U	1,100 U	1,100 U	1,100 U	1,100 U
Aroclor-1221	24,000 U	1,100 U	1,100 U	1,100 U	1,100 U
Aroclor-1232	24,000 U	1,100 U	1,100 U	1,100 U	1,100 U
Aroclor-1242	63,000 24,000	1,100 U	720 J	370 J	1,100 U
Aroclor-1248	24,000 U	1,100 U	1,100 U	1,100 U	1,100 U
Aroclor-1254	140,000	1,100 U	1,600	670 J	43 J
Aroclor-1260	24,000 U	1,100 U	1,100 U	1,100 U	1,100 U
	87,000 ppb	1,100	232 ppb	104 C	43

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

APPENDIX G-6

**Soil Quality Summary Tables
May 22, 1996**

RI/FS Soil Boring Program Analytical Results

DNAPL Study

May 22, 1996

General Electric Company

Fort Edward, New York

Sample Locations (Sample Depth)

Compounds	SB-79 S-1 (1-9 FT)	SB-79 S-2 (12-22 FT)
Dichlorodifluoromethane	11 U	11 U
Chloromethane	11 U	11 U
Bromomethane	11 U	11 U
Vinyl Chloride	R	R
Chloroethane	11 U	11 U
Methylene Chloride	6 U	5 U
Acetone	11 U	11 U
Trichlorofluoromethane	6 U	5 U
Carbon Disulfide	6 U	5 U
1,1-Dichloroethene	6 U	5 U
1,1-Dichloroethane	6 UJ	5 UJ
Trans-1,2-Dichloroethene	6 U	5 U
2,2-Dichloropropane	6 U	5 U
Cis-1,2-Dichloroethene	6 U	5 U
Bromochloromethane	6 U	5 U
Chloroform	6 U	5 U
1,1-Dichloro-1-propene	6 U	5 U
1,2-Dichloroethane	6 U	5 U
2-Butanone	11 U	11 U
1,1,1-Trichloroethane	6 U	5 U
Carbon Tetrachloride	6 U	5 U
Vinyl Acetate	11 U	11 U
Bromodichloromethane	6 U	5 U
1,2-DiDichloropropane	6 U	5 U

1. All units in ug/kg (ppb).

2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.

3. All analyses performed by Adirondack Environmental Services, Inc.

4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

6. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.

RI/FS Soil Boring Program Analytical Results

DNAPL Study

May 22, 1996

General Electric Company

Fort Edward, New York

Sample Locations (Sample Depth)

Compounds	SB-79 S-1 (1-9 FT)	SB-79 S-2 (12-22 FT)
Cis-1,3-Dichloropropene	6 U	5 U
1,2,3-Trichloropropane	11 U	11 U
Dibromomethane	6 U	5 U
Trichloroethene	13	5 U
Dibromochloromethane	6 U	5 U
1,1,2-Trichloroethane	6 U	5 U
Benzene	6 U	5 U
Trans-1,3-Dichloropropene	6 U	5 U
1,3-Dichloropropane	6 U	5 U
Bromoform	6 U	5 U
2-Hexanone	11 U	11 U
4-Methyl-2-Pentanone	11 U	11 U
Tetrachloroethene	6 U	5 U
1,1,2,2-Tetrachloroethane	6 U	5 U
Ethylene Dibromide (EDB)	6 U	5 U
Toluene	6 U	5 U
Chlorobenzene	6 U	5 U
1,1,1,2-Tetrachloroethane	6 U	5 U
Ethylbenzene	6 U	5 U
Styrene	6 U	5 U
Total-Xylenes	6 U	5 U
Isopropylbenzene	6 U	5 U
n-Propylbenzene	6 U	5 U
Bromobenzene	6 U	5 U

1. All units in ug/kg (ppb),

2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.

3. All analyses performed by Adirondack Environmental Services, Inc.

4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.

6. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.

RI/FS Soil Boring Program Analytical Results
DNAPL Study
May 22, 1996
General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	SB-79 S-1 (1-9 FT)	SB-79 S-2 (12-22 FT)
1,3,5-Trimethylbenzene	6 U	5 U
2-Chlorotoluene	6 U	5 U
4-Chlorotoluene	6 U	5 U
tert-Butylbenzene	6 U	5 U
1,2,4-Trimethylbenzene	6 U	5 U
sec-Butylbenzene	6 U	5 U
p-Cymene	6 U	5 U
n-Butylbenzene	6 U	5 U
1,2-Dibromo-3-Chloro-Propane	6 U	5 U
1,2,4-Trichlorobenzene	6 U	5 U
Hexachlorobutadiene	6 U	5 U
Naphthalene	6 U	5 U
1,2,3-Trichlorobenzene	6 U	5 U
Total Aggregate:	13	0

Notes:

1. All units in ug/kg (ppb).
2. Volatile organic compounds compounds quantitated using EPA SW-846 Method 8240, also includes 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit for this analyte should be considered approximate due to a deficiency identified in the data generation process.
6. "R" indicates that the practical quantitation limit has been determined unusable due to a major deficiency in the data generation process.

RI/FS Soil Boring Program Analytical Results
DNAPL Study
May 22, 1996

General Electric Company
Fort Edward, New York

Sample Locations
(Sample Depth)

Compounds	SB-79, S-1 (1-9 FT)	SB-79, S-2 (12-22 FT)
Aroclor-1016	1,100 U	1,200 U
Aroclor-1221	1,100 U	1,200 U
Aroclor-1232	1,100 U	1,200 U
Aroclor-1242	1,100 U	1,200 U
Aroclor-1248	1,100 U	1,200 U
Aroclor-1254	1,100 U	1,200 U
Aroclor-1260	1,100 U	1,200 U

Notes:

1. All units in ug/kg (ppb).
2. PCBs quantitated using EPA SW-846 Method 8080.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

APPENDIX H

Ground Water Quality for Monitoring Wells, Private Wells and Springs and Storm Sewer Water Quality Summary Tables

APPENDIX H-1

**Ground Water Quality Summary Table for Monitoring Wells, Private Wells and Springs
October 30 to November 9, 1995**

Ground Water Program Analytical Results
Remedial Investigation
October 30 to November 9, 1995
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-2	GM-3	GM-4	GM-5	GM-6	GM-7
Benzene	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	5 UJ	5 UJ	R	R	R
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

Ground Water Program Analytical Results
Remedial Investigation
October 30 to November 9, 1995
General Electric Company
Fort Edward, New York

Compounds	Sample Locations					
	GM-2	GM-3	GM-4	GM-5	GM-6	GM-7
Benzene	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5 U	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 UJ	10 UJ	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U	5 U
Isopropyl Benzene	5 U	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 UJ	5 UJ	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 UJ	5 UJ	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 UJ	5 UJ	5 U	5 U	5 U
n-Butylbenzene	5 U	5 UJ	5 UJ	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	R	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	120	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 UJ	5 U	5 U	5 UJ	5 U	5 UJ
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	0	0	0	120	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

Ground Water Program Analytical Results
Remedial Investigation
October 30 to November 9, 1995
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-8A	GM-9	GM-9D	GM-10	GM-11
Benzene	6 U	5 U	6	5 U	5 U
Bromodichloromethane	6 U	5 U	5 U	5 U	5 U
Bromoform	6 U	5 U	5 U	5 U	5 U
Bromomethane	12 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	6 U	5 U	5 U	5 U	5 U
Chlorobenzene	150	5 U	5 U	5 U	5 U
Chloroethane	12 U	10 U	10 UJ	10 U	10 U
2-Chloroethyl vinyl ether	12 U	10 U	10 U	10 U	10 U
Chloroform	6 U	5 U	5 U	5 U	5 U
Chloromethane	12 U	10 U	10 U	10 U	10 U
Dibromochloromethane	6 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	R	5 UJ	R	R
1,2-Dibromoethane	6 U	5 U	5 U	5 U	5 U
Dibromomethane	6 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	12 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	6 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	6 U	5 U	5 UJ	5 U	5 U
1,1-Dichloroethene	6 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	6 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 J	5 U	5 U	5 U	5 U
1,2-Dichloropropane	6 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	6 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	6 U	5 U	5 U	5 U	5 U
Ethylbenzene	6 U	5 U	5 U	5 U	5 U
Methylene Chloride	6 U	5 U	5 U	5 U	7 U
Styrene	6 UJ	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	6 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	6 U	5 U	5 U	5 U	5 U
Tetrachloroethene	6 UJ	5 U	5 U	5 U	5 U
Toluene	6 UJ	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	6 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	6 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

Ground Water Program Analytical Results
Remedial Investigation
October 30 to November 9, 1995
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-8A	GM-9	GM-9D	GM-10	GM-11
Trichloroethene	5 J	5 U	5 U	5 U	5 U
Trichlorofluoromethane	6 UJ	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	6 U	5 U	5 U	5 U	5 U
Vinyl Chloride	6 U	10 U	10 UJ	10 U	10 U
1,3-Dichlorobenzene	130	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	35	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	190	10 U	10 U	10 U	10 U
Xylenes, Total	6 UJ	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	6 U	5 U	5 U	5 U	5 U
Isopropyl Benzene	6 U	5 U	5 U	5 U	5 U
n-Propylbenzene	6 U	5 U	5 U	5 U	5 U
t-Butylbenzene	6 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	6 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	6 U	5 U	5 U	5 U	5 U
p-Cymene	6 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	6 U	5 U	5 U	5 U	5 U
n-Butylbenzene	6 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	R	5 U	5 UJ	5 U	R
1,2,4-Trichlorobenzene	6 U	5 U	5 U	5 U	5 U
Naphthalene	6 U	5 U	5 U	5 U	5 U
Bromobenzene	6 U	5 U	5 U	5 U	5 U
Bromochloromethane	6 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	6 U	5 UJ	5 U	5 UJ	5 U
4-Chlorotoluene	6 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	6 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	6 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	6 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	6 U	5 U	5 U	5 U	5 U
Total Aggregate:	515	0	6	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

Ground Water Program Analytical Results
Remedial Investigation
October 30 to November 9, 1995
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-12A	GM-12B	GM-12C	GM-12D	GM-14
Benzene	120 U	10 U	250 U	5 U	5 U
Bromodichloromethane	120 U	10 U	250 U	5 U	5 U
Bromoform	120 U	10 U	250 U	5 U	5 U
Bromomethane	250 U	20 U	500 U	10 UJ	10 U
Carbon Tetrachloride	120 U	10 U	250 U	5 U	5 U
Chlorobenzene	120 U	10 U	250 U	5 U	5 U
Chloroethane	250 U	20 UJ	500 UJ	10 U	10 UJ
2-Chloroethyl vinyl ether	250 U	20 U	500 U	10 U	10 U
Chloroform	120 U	10 U	250 U	5 U	5 U
Chloromethane	250 U	20 U	500 U	10 U	10 U
Dibromochloromethane	120 U	10 U	250 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	10 UJ	250 UJ	5 UJ	R
1,2-Dibromoethane	120 U	10 U	250 U	5 U	5 U
Dibromomethane	120 U	10 U	250 U	5 U	5 U
Dichlorodifluoromethane	250 U	20 U	500 U	10 U	10 U
1,1-Dichloroethane	120 U	10 U	250 U	5 U	5 U
1,2-Dichloroethane	120 U	10 UJ	250 UJ	5 U	5 U
1,1-Dichloroethene	120 U	10 U	250 U	5 U	5 U
trans-1,2 Dichloroethene	120 U	10 U	250 U	5 U	5 U
cis-1,2 Dichloroethene	650	120	230 J	1 J	5 U
1,2-Dichloropropane	120 U	10 U	250 U	5 U	5 U
cis-1,3-Dichloropropene	120 U	10 U	250 U	5 U	5 U
trans-1,3-Dichloropropene	120 U	10 U	250 U	5 U	5 U
Ethylbenzene	120 U	10 U	250 U	5 U	5 U
Methylene Chloride	120 U	10 U	250 U	5 U	5 U
Styrene	120 U	10 U	250 U	5 U	5 U
1,1,1,2-Tetrachloroethane	120 U	10 U	250 U	5 U	5 U
1,1,2,2-Tetrachloroethane	120 U	10 U	250 U	5 U	5 U
Tetrachloroethene	120 U	10 U	250 U	5 U	5 U
Toluene	120 U	10 U	250 U	5 U	5 U
1,1,1-Trichloroethane	120 U	10 U	250 U	5 U	5 U
1,1,2-Trichloroethane	120 U	10 U	250 U	5 U	5 UJ

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	GM-12A	GM-12B	GM-12C	GM-12D	GM-14
Trichloroethene	3,800	320 J	7,300	4 J	5 U
Trichlorofluoromethane	120 U	10 U	250 U	5 U	5 UJ
1,2,3-Trichloropropane	120 U	10 U	250 U	5 U	5 U
Vinyl Chloride	250 U	20 UJ	500 UJ	10 U	10 U
1,3-Dichlorobenzene	250 U	20 U	500 U	10 U	10 U
1,2-Dichlorobenzene	250 U	20 U	500 U	10 UJ	10 UJ
1,4-Dichlorobenzene	250 U	20 U	500 U	10 U	10 U
Xylenes, Total	120 U	10 U	250 U	5 U	5 U
1,2,3-Trichlorobenzene	120 U	10 U	250 U	5 U	5 U
Isopropyl Benzene	120 U	10 U	250 U	5 U	5 U
n-Propylbenzene	120 U	10 U	250 U	5 U	5 U
t-Butylbenzene	120 U	10 U	250 U	5 U	5 U
sec-Butylbenzene	120 U	10 U	250 U	5 UJ	5 U
1,3,5-Trimethylbenzene	120 U	10 U	250 U	5 U	5 U
p-Cymene	120 U	10 U	250 U	5 UJ	5 U
1,2,4-Trimethylbenzene	120 U	10 U	250 U	5 UJ	5 U
n-Butylbenzene	120 U	10 U	250 U	5 UJ	5 U
Hexachlorobutadiene	R	10 UJ	250 UJ	5 U	R
1,2,4-Trichlorobenzene	120 U	10 U	250 U	5 U	5 U
Naphthalene	120 U	10 U	250 U	5 U	5 U
Bromobenzene	120 U	10 U	250 U	5 U	5 U
Bromochloromethane	120 U	10 U	250 U	5 U	5 U
2-Chlorotoluene	120 U	10 U	250 U	5 U	5 U
4-Chlorotoluene	120 U	10 U	250 U	5 U	5 U
1,2-Dibromoethane	120 U	10 U	250 U	5 U	5 U
1,3-Dichloropropane	120 U	10 U	250 U	5 U	5 U
2,2-Dichloropropane	120 U	10 U	250 U	5 U	5 U
1,1-Dichloropropene	120 U	10 U	250 U	5 U	5 U
Total Aggregate:	4,450	440 J	7,530	5 J	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	GM-15	GM-16	GM-17	GM-18	GM-19
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 UJ	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 UJ	10 UJ	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	R	R	5 UJ	R
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 UJ	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	7 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 UJ	5 U	5 U

Notes:

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4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
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Sample Locations

Compounds	GM-15	GM-16	GM-17	GM-18	GM-19
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 UJ	5 U	5 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 UJ	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 UJ	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropyl Benzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	R	R	R	5 UJ	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 UJ
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Average:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
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3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
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Sample Locations

Compounds	GM-21	GM-45 (GM21 Dup.)	GM-22	GM-23	GM-24
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 UJ	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 UJ	10 U	10 UJ	10 UJ	10 UJ
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 UJ	R	R	5 UJ	5 UJ
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	6 J
1,2-Dichloroethane	5 UJ	5 U	5 U	5 UJ	5 UJ
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	2 J	3 J	2 J	5 U	28 J
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	6 J	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	10	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	19 J
1,1,2-Trichloroethane	5 U	5 U	5 UJ	5 U	5 U

Notes:

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3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Compounds	Sample Locations				
	GM-21	GM-45 (GM21 Dup.)	GM-22	GM-23	GM-24
Trichloroethene	30	28	3 J	26	79 J
Trichlorofluoromethane	5 U	5 U	5 UJ	5 U	5 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	10 UJ	10 U	10 U	10 UJ	10 UJ
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 UJ	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropyl Benzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 UJ	R	R	5 UJ	5 UJ
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	32	31	11 J	36	132 J

Notes:

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3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Sample Locations

Compounds	GM-25	GM-26D	GM-28	GM-29	GM-30
Benzene	100 U	5 U	5 U	5 U	50 U
Bromodichloromethane	100 U	5 U	5 U	5 U	50 U
Bromoform	100 U	5 U	5 U	5 U	50 UJ
Bromomethane	200 U	10 UJ	10 U	10 U	100 U
Carbon Tetrachloride	100 U	5 U	5 U	5 U	50 U
Chlorobenzene	100 U	5 U	5 U	5 U	50 U
Chloroethane	200 U	10 U	10 U	10 UJ	100 U
2-Chloroethyl vinyl ether	200 U	10 U	10 U	10 U	100 U
Chloroform	100 U	5 U	5 U	5 U	50 U
Chloromethane	200 U	10 U	10 U	10 U	100 U
Dibromochloromethane	100 U	5 U	5 U	5 U	50 U
1,2-Dibromo-3-Chloropropane	R	5 UJ	R	5 UJ	R
1,2-Dibromoethane	100 U	5 U	5 U	5 U	50 U
Dibromomethane	100 U	5 U	5 U	5 U	50 U
Dichlorodifluoromethane	200 U	10 U	10 U	10 U	100 U
1,1-Dichloroethane	100 U	5 U	5 U	5 U	50 U
1,2-Dichloroethane	100 U	5 U	5 U	5 UJ	50 U
1,1-Dichloroethene	100 U	5 U	5 U	5 U	50 U
trans-1,2 Dichloroethene	100 U	5 U	5 U	5 U	50 U
cis-1,2 Dichloroethene	510	5 U	5 U	5 U	50 U
1,2-Dichloropropane	100 U	5 U	5 U	5 U	50 U
cis-1,3-Dichloropropene	100 U	5 U	5 U	5 U	50 U
trans-1,3-Dichloropropene	100 U	5 U	5 U	5 U	50 U
Ethylbenzene	100 U	5 U	5 U	5 U	50 U
Methylene Chloride	100 U	5 U	5 U	5 U	50 U
Styrene	100 U	5 U	5 U	5 U	50 U
1,1,1,2-Tetrachloroethane	100 U	5 U	5 U	5 U	50 U
1,1,2,2-Tetrachloroethane	100 U	5 U	5 U	5 U	50 U
Tetrachloroethene	100 U	5 U	5 U	5 U	50 U
Toluene	100 U	5 U	5 U	5 U	50 U
1,1,1-Trichloroethane	100 U	5 U	5 U	5 U	50 U
1,1,2-Trichloroethane	100 U	5 U	5 U	5 U	50 U

Notes:

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4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
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Sample Locations

Compounds	GM-25	GM-26D	GM-28	GM-29	GM-30
Trichloroethene	2,100	5 U	5 U	5 U	1,900
Trichlorofluoromethane	100 U	5 U	5 U	5 U	50 U
1,2,3-Trichloropropane	100 U	5 U	5 U	5 U	50 U
Vinyl Chloride	67 J	10 U	10 U	10 UJ	100 U
1,3-Dichlorobenzene	200 U	10 U	10 U	10 U	100 U
1,2-Dichlorobenzene	200 U	10 UJ	10 U	10 U	100 U
1,4-Dichlorobenzene	200 U	10 U	10 U	10 U	100 U
Xylenes, Total	100 U	5 U	5 U	5 U	50 U
1,2,3-Trichlorobenzene	100 U	5 U	5 U	5 U	50 U
Isopropyl Benzene	100 U	5 U	5 U	5 U	50 U
n-Propylbenzene	100 U	5 U	5 U	5 U	50 U
t-Butylbenzene	100 U	5 U	5 U	5 U	50 U
sec-Butylbenzene	100 U	5 UJ	5 U	5 U	50 U
1,3,5-Trimethylbenzene	100 U	5 U	5 U	5 U	50 U
p-Cymene	100 U	5 UJ	5 U	5 U	50 U
1,2,4-Trimethylbenzene	100 U	5 UJ	5 U	5 U	50 U
n-Butylbenzene	100 U	5 UJ	5 U	5 U	50 U
Hexachlorobutadiene	R	5 U	5 U	5 UJ	R
1,2,4-Trichlorobenzene	100 U	5 U	5 U	5 U	50 U
Naphthalene	100 U	5 U	5 U	5 U	50 U
Bromobenzene	100 U	5 U	5 U	5 U	50 U
Bromochloromethane	100 U	5 U	5 U	5 U	50 U
2-Chlorotoluene	100 U	5 U	5 UJ	5 U	50 U
4-Chlorotoluene	100 U	5 U	5 U	5 U	50 U
1,2-Dibromoethane	100 U	5 U	5 U	5 U	50 U
1,3-Dichloropropane	100 U	5 U	5 U	5 U	50 U
2,2-Dichloropropane	100 U	5 U	5 U	5 U	50 U
1,1-Dichloropropene	100 U	5 U	5 U	5 U	50 U
Total Aggregate:	2,677	0	0	0	1,900

Notes:

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3. All analyses performed by Adirondack Environmental Services, Inc.
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6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	GM-31	GM-32	GM-33	GM-34	GM-35
Benzene	5 U	250 U	250 U	5 U	12 U
Bromodichloromethane	5 U	250 U	250 U	5 U	12 U
Bromoform	5 UJ	250 U	250 U	5 U	12 U
Bromomethane	10 U	500 U	500 U	10 U	25 U
Carbon Tetrachloride	5 U	250 U	250 U	5 U	12 U
Chlorobenzene	5 U	250 U	250 U	5 U	12 U
Chloroethane	10 U	500 UJ	500 UJ	10 U	25 UJ
2-Chloroethyl vinyl ether	10 U	500 U	500 U	10 U	25 U
Chloroform	5 U	250 U	250 U	5 U	12 U
Chloromethane	10 U	500 U	500 U	10 U	25 U
Dibromochloromethane	5 U	250 U	250 U	5 U	12 U
1,2-Dibromo-3-Chloropropane	R	250 UJ	250 UJ	R	12 UJ
1,2-Dibromoethane	5 U	250 U	250 U	5 U	12 U
Dibromomethane	5 U	250 U	250 U	5 U	12 U
Dichlorodifluoromethane	10 U	500 U	500 U	10 U	25 U
1,1-Dichloroethane	5 U	250 U	250 U	5 U	12 U
1,2-Dichloroethane	5 U	250 UJ	250 UJ	5 U	12 UJ
1,1-Dichloroethene	5 U	250 U	250 U	5 U	12 U
trans-1,2 Dichloroethene	5 U	250 U	250 U	5 U	12 U
cis-1,2 Dichloroethene	5 U	250 U	250 U	5 U	12 U
1,2-Dichloropropane	5 U	250 U	250 U	5 U	12 U
cis-1,3-Dichloropropene	5 U	250 U	250 U	5 U	12 U
trans-1,3-Dichloropropene	5 U	250 U	250 U	5 U	12 U
Ethylbenzene	5 U	250 U	250 U	5 U	12 U
Methylene Chloride	5 U	250 U	250 U	5 U	12 U
Styrene	5 U	250 U	250 U	5 U	12 U
1,1,1,2-Tetrachloroethane	5 U	250 U	250 U	5 U	12 U
1,1,2,2-Tetrachloroethane	5 U	250 U	250 U	5 U	12 U
Tetrachloroethene	5 U	250 U	250 U	5 U	12 U
Toluene	5 U	250 U	250 U	5 U	12 U
1,1,1-Trichloroethane	5 U	250 U	250 U	5 U	12 U
1,1,2-Trichloroethane	5 U	250 U	250 U	5 U	12 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

Ground Water Program Analytical Results
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General Electric Company
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Sample Locations

Compounds	GM-31	GM-32	GM-33	GM-34	GM-35
Trichloroethene	5 U	10,000 J	8,800	5 U	410
Trichlorofluoromethane	5 U	250 U	250 U	5 U	12 U
1,2,3-Trichloropropane	5 U	250 U	250 U	5 U	12 U
Vinyl Chloride	10 U	500 UJ	500 UJ	10 U	25 UJ
1,3-Dichlorobenzene	10 U	500 U	500 U	10 U	25 U
1,2-Dichlorobenzene	10 U	500 U	500 U	10 U	25 U
1,4-Dichlorobenzene	10 U	500 U	500 U	10 U	25 U
Xylenes, Total	5 U	250 U	250 U	5 U	12 U
1,2,3-Trichlorobenzene	5 U	250 U	250 U	5 U	12 U
Isopropyl Benzene	5 U	250 U	250 U	5 U	12 U
n-Propylbenzene	5 U	250 U	250 U	5 U	12 U
t-Butylbenzene	5 U	250 U	250 U	5 U	12 U
sec-Butylbenzene	5 U	250 U	250 U	5 U	12 U
1,3,5-Trimethylbenzene	5 U	250 U	250 U	5 U	12 U
p-Cymene	5 U	250 U	250 U	5 U	12 U
1,2,4-Trimethylbenzene	5 U	250 U	250 U	5 U	12 U
n-Butylbenzene	5 U	250 U	250 U	5 U	12 U
Hexachlorobutadiene	R	250 UJ	250 UJ	R	12 UJ
1,2,4-Trichlorobenzene	5 U	250 U	250 U	5 U	12 U
Naphthalene	5 U	250 U	250 U	5 U	12 U
Bromobenzene	5 U	250 U	250 U	5 U	12 U
Bromochloromethane	5 U	250 U	250 U	5 U	12 U
2-Chlorotoluene	5 U	250 U	250 U	5 U	12 U
4-Chlorotoluene	5 U	250 U	250 U	5 U	12 U
1,2-Dibromoethane	5 U	250 U	250 U	5 U	12 U
1,3-Dichloropropane	5 U	250 U	250 U	5 U	12 U
2,2-Dichloropropane	5 U	250 U	250 U	5 U	12 U
1,1-Dichloropropene	5 U	250 U	250 U	5 U	12 U
Total Aggregate:	0	10,000 J	8,800	0	410

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	GM-46 (GM-35 Dup.)	GM-36	GM-37	GM-38	GM-39	GM-40D
Benzene	10 UJ	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10 UJ	5 U	5 U	5 U	5 U	5 U
Bromoform	10 UJ	5 U	5 U	5 U	5 U	5 U
Bromomethane	20 UJ	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	10 UJ	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
Chloroethane	20 UJ	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	20 UJ	10 U	10 U	10 U	10 U	10 U
Chloroform	10 UJ	5 U	5 U	5 U	5 U	5 U
Chloromethane	20 UJ	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10 UJ	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	R	R	R	R	R
1,2-Dibromoethane	10 UJ	5 U	5 U	5 U	5 U	5 U
Dibromomethane	10 UJ	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	20 UJ	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10 UJ	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10 UJ	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10 UJ	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	10 UJ	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	10 UJ	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10 UJ	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	10 UJ	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10 UJ	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10 UJ	5 U	5 U	5 U	8 U	5 U
Styrene	10 UJ	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	10 UJ	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10 UJ	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10 UJ	5 U	5 U	5 U	5 U	5 U
Toluene	10 UJ	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	10 UJ	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10 UJ	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Compounds	Sample Locations					
	GM-46 (GM-35 Dup.)	GM-36	GM-37	GM-38	GM-39	GM-40D
Trichloroethene	210 J	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	10 UJ	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	10 UJ	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	20 UJ	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	20 UJ	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	20 UJ	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	20 UJ	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	10 UJ	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
Isopropyl Benzene	10 UJ	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
p-Cymene	10 UJ	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	R	5 U	R	R	R	R
1,2,4-Trichlorobenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
Naphthalene	10 UJ	5 U	5 U	5 U	5 U	5 U
Bromobenzene	10 UJ	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	10 UJ	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	10 UJ	5 UJ	5 U	5 U	5 U	5 U
4-Chlorotoluene	10 UJ	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	10 UJ	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	10 UJ	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	10 UJ	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	10 UJ	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	210 J	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
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3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	F-2	F-3	F-4	SW-1	SW-2
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	R	R	5 UJ	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	F-2	F-3	F-4	SW-1	SW-2
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropyl Benzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	R	R	5 U	5 UJ
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 UJ	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	SW-3	SW-4	SW-5	SW-6
Benzene	100 U	50 U	25 U	5 U
Bromodichloromethane	100 U	50 U	25 U	5 U
Bromoform	100 U	50 U	25 U	5 U
Bromomethane	200 U	100 U	50 U	10 U
Carbon Tetrachloride	100 U	50 U	25 U	5 U
Chlorobenzene	100 U	50 U	25 U	5 U
Chloroethane	200 U	100 U	50 U	10 U
2-Chloroethyl vinyl ether	200 U	100 U	50 U	10 U
Chloroform	100 U	50 U	25 U	5 U
Chloromethane	200 U	100 U	50 U	10 U
Dibromochloromethane	100 U	50 U	25 U	5 U
1,2-Dibromo-3-Chloropropane	R	R	R	R
1,2-Dibromoethane	100 U	50 U	25 U	5 U
Dibromomethane	100 U	50 U	25 U	5 U
Dichlorodifluoromethane	200 U	100 U	50 U	10 U
1,1-Dichloroethane	100 U	50 U	25 U	5 U
1,2-Dichloroethane	100 U	50 U	25 U	5 U
1,1-Dichloroethene	100 U	50 U	25 U	5 U
trans-1,2 Dichloroethene	100 U	50 U	25 U	5 U
cis-1,2 Dichloroethene	84 J	50 U	36	5 U
1,2-Dichloropropane	100 U	50 U	25 U	5 U
cis-1,3-Dichloropropene	100 U	50 U	25 U	5 U
trans-1,3-Dichloropropene	100 U	50 U	25 U	5 U
Ethylbenzene	100 U	50 U	25 U	5 U
Methylene Chloride	100 U	50 U	25 U	5 U
Styrene	100 U	50 U	25 U	5 U
1,1,1,2-Tetrachloroethane	100 U	50 U	25 U	5 U
1,1,2,2-Tetrachloroethane	100 U	50 U	25 U	5 U
Tetrachloroethene	100 U	50 U	25 U	5 U
Toluene	100 U	50 U	25 U	5 U
1,1,1-Trichloroethane	100 U	50 U	25 U	5 U
1,1,2-Trichloroethane	100 U	50 U	25 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
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Sample Locations

Compounds	SW-3	SW-4	SW-5	SW-6
Trichloroethene	2,600	1,200 J	370	5 U
Trichlorofluoromethane	100 U	50 U	25 U	5 U
1,2,3-Trichloropropane	100 U	50 U	25 U	5 U
Vinyl Chloride	200 U	100 U	50 U	10 U
1,3-Dichlorobenzene	200 U	100 U	50 U	10 U
1,2-Dichlorobenzene	200 U	100 U	50 U	10 U
1,4-Dichlorobenzene	200 U	100 U	50 U	10 U
Xylenes, Total	100 U	50 U	25 U	5 U
1,2,3-Trichlorobenzene	100 U	50 U	25 U	5 U
Isopropyl Benzene	100 U	50 U	25 U	5 U
n-Propylbenzene	100 U	50 U	25 U	5 U
t-Butylbenzene	100 U	50 U	25 U	5 U
sec-Butylbenzene	100 U	50 U	25 U	5 U
1,3,5-Trimethylbenzene	100 U	50 U	25 U	5 U
p-Cymene	100 U	50 U	25 U	5 U
1,2,4-Trimethylbenzene	100 U	50 U	25 U	5 U
n-Butylbenzene	100 U	50 U	25 U	5 U
Hexachlorobutadiene	R	R	R	R
1,2,4-Trichlorobenzene	100 U	50 U	25 U	5 U
Naphthalene	100 U	50 U	25 U	5 U
Bromobenzene	100 U	50 U	25 U	5 U
Bromochloromethane	100 U	50 U	25 U	5 U
2-Chlorotoluene	100 U	50 U	25 U	5 U
4-Chlorotoluene	100 U	50 U	25 U	5 U
1,2-Dibromoethane	100 U	50 U	25 U	5 U
1,3-Dichloropropane	100 U	50 U	25 U	5 U
2,2-Dichloropropane	100 U	50 U	25 U	5 U
1,1-Dichloropropene	100 U	50 U	25 U	5 U
Total Aggregate:	2,684	1,200 J	406	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data ge

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Sample Locations

Compounds	GFNB	Hillman	Dobroski	Hughes
Benzene	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U
Chloroethane	10 UJ	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	R	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	2 J	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U
Styrene	5 U	5 UJ	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 UJ	5 U	5 U
Toluene	5 U	5 UJ	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 UJ	5 U	5 U	5 U

Notes:

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3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Sample Locations

Compounds	GFNB	Hillman	Dobroski	Hughes
Trichloroethene	20	5 U	8	5 U
Trichlorofluoromethane	5 UJ	5 UJ	5 U	5 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 UJ	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 UJ	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U
Isopropyl Benzene	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U
Hexachlorobutadiene	R	R	5 UJ	5 UJ
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U
1,1-Dichloropropane	5 U	5 U	5 U	5 U
Total Aggregate:	22	0	8	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data ge

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Compounds	Sample Locations			
	Spring #1	Spring #3	Griffin Ave. Spring	Hillview Ave. Spring
Benzene	5 U	5 U	50 U	5 U
Bromodichloromethane	5 U	5 U	50 U	5 U
Bromoform	5 U	5 U	50 U	5 U
Bromomethane	10 U	10 U	100 U	10 U
Carbon Tetrachloride	5 U	5 U	50 U	5 U
Chlorobenzene	5 U	5 U	50 U	5 U
Chloroethane	10 U	10 U	100 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	100 U	10 U
Chloroform	5 U	5 U	50 U	5 U
Chloromethane	10 U	10 U	100 U	10 U
Dibromochloromethane	5 U	5 U	50 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	R	R
1,2-Dibromoethane	5 U	5 U	50 U	5 U
Dibromomethane	5 U	5 U	50 U	5 U
Dichlorodifluoromethane	10 U	10 U	100 U	10 U
1,1-Dichloroethane	5 U	5 U	50 U	5 U
1,2-Dichloroethane	5 U	5 U	50 U	5 U
1,1-Dichloroethene	5 U	5 U	50 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	50 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	180	1 J
1,2-Dichloropropane	5 U	5 U	50 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	50 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	50 U	5 U
Ethylbenzene	5 U	5 U	50 U	5 U
Methylene Chloride	5 U	5 U	50 U	5 U
Styrene	5 U	5 U	50 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	50 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	50 U	5 U
Tetrachloroethene	5 U	5 U	50 U	5 U
Toluene	5 U	5 U	50 U	5 U
1,1,1-Trichloroethane	5 U	5 U	50 U	5 U
1,1,2-Trichloroethane	5 U	5 U	50 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Compounds	Sample Locations			
	Spring #1	Spring #3	Griffin Ave. Spring	Hillview Ave. Spring
Trichloroethene	0.9 J	1 J	1,000	60
Trichlorofluoromethane	5 U	5 U	50 U	5 U
1,2,3-Trichloropropane	5 U	5 U	50 U	5 U
Vinyl Chloride	10 U	10 U	100 U	10 U
1,3-Dichlorobenzene	10 U	10 U	100 U	10 U
1,2-Dichlorobenzene	10 U	10 U	100 U	10 U
1,4-Dichlorobenzene	10 U	10 U	100 U	10 U
Xylenes, Total	5 U	5 U	50 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	50 U	5 U
Isopropyl Benzene	5 U	5 U	50 U	5 U
n-Propylbenzene	5 U	5 U	50 U	5 U
t-Butylbenzene	5 U	5 U	50 U	5 U
sec-Butylbenzene	5 U	5 U	50 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	50 U	5 U
p-Cymene	5 U	5 U	50 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	50 U	5 U
n-Butylbenzene	5 U	5 U	50 U	5 U
Hexachlorobutadiene	5 UJ	5 UJ	R	R
1,2,4-Trichlorobenzene	5 U	5 U	50 U	5 U
Naphthalene	5 U	5 U	50 U	5 U
Bromobenzene	5 U	5 U	50 U	5 U
Bromochloromethane	5 U	5 U	50 U	5 U
2-Chlorotoluene	5 U	5 U	50 U	5 U
4-Chlorotoluene	5 U	5 U	50 U	5 U
1,2-Dibromoethane	5 U	5 U	50 U	5 U
1,3-Dichloropropane	5 U	5 U	50 U	5 U
2,2-Dichloropropane	5 U	5 U	50 U	5 U
1,1-Dichloropropene	5 U	5 U	50 U	5 U
Total Aggregate:	0.9 J	1 J	1,180	61

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Compounds	Sample Locations				
	OBG-15BS	OBG-68 (15BS Dup.)	OBG-15BD	OBG-26BD	OBG-26T
Benzene	5 UJ	5 U	5 U	5 U	5 U
Bromodichloromethane	5 UJ	5 U	5 UJ	5 U	5 UJ
Bromoform	5 UJ	5 U	5 U	5 U	5 U
Bromomethane	10 UJ	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 UJ	5 U	5 U	5 U	5 U
Chlorobenzene	5 UJ	5 U	5 U	5 U	5 U
Chloroethane	10 UJ	10 UJ	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 UJ	10 U	10 U	10 U	10 U
Chloroform	5 UJ	5 U	5 U	5 U	5 U
Chloromethane	10 UJ	10 U	10 U	10 U	10 U
Dibromochloromethane	5 UJ	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	R	R	R	R
1,2-Dibromoethane	5 UJ	5 U	5 U	5 U	5 U
Dibromomethane	5 UJ	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 UJ	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 UJ	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 UJ	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 UJ	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 UJ	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 UJ	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 UJ	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 UJ	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 UJ	5 U	5 U	5 U	5 U
Ethylbenzene	5 UJ	5 U	5 U	5 U	5 U
Methylene Chloride	5 UJ	5 U	5 U	5 U	5 U
Styrene	5 UJ	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 UJ	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 UJ	5 U	5 U	5 U	5 U
Tetrachloroethene	5 UJ	5 U	5 U	5 U	5 U
Toluene	5 UJ	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 UJ	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 UJ	5 UJ	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Compounds	Sample Locations				
	OBG-15BS	OBG-68 (15BS Dup.)	OBG-15BD	OBG-26BD	OBG-26T
Trichloroethene	5 UJ	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 UJ	5 UJ	5 U	5 U	5 U
1,2,3-Trichloropropane	5 UJ	5 U	5 U	5 U	5 U
Vinyl Chloride	10 UJ	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 UJ	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 UJ	10 UJ	10 U	10 U	10 U
1,4-Dichlorobenzene	10 UJ	10 U	10 U	10 U	10 U
Xylenes, Total	5 UJ	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 UJ	5 U	5 U	5 U	5 U
Isopropyl Benzene	5 UJ	5 U	5 U	5 U	5 U
n-Propylbenzene	5 UJ	5 U	5 U	5 U	5 U
t-Butylbenzene	5 UJ	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 UJ	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 UJ	5 U	5 U	5 U	5 U
p-Cymene	5 UJ	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 UJ	5 U	5 U	5 U	5 U
n-Butylbenzene	5 UJ	5 U	5 U	5 U	5 U
Hexachlorobutadiene	R	R	R	R	R
1,2,4-Trichlorobenzene	5 UJ	5 U	5 U	5 U	5 U
Naphthalene	5 UJ	5 U	5 U	5 U	5 U
Bromobenzene	5 UJ	5 U	5 U	5 U	5 U
Bromochloromethane	5 UJ	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 UJ	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 UJ	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 UJ	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 UJ	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 UJ	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 UJ	5 U	5 U	5 U	5 U
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Compounds	OBG-43BS	OBG-43BD	OBG-44S	OBG-44BS
Benzene	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 UJ	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U
Chloroform	2 J	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	R	5 UJ	R
1,2-Dibromoethane	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U
Styrene	5 U	5 UJ	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 UJ	5 U	5 U
Toluene	5 U	5 UJ	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U

Notes:

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4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
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Compounds	OBG-43BS	OBG-43BD	OBG-44S	OBG-44BS
Trichloroethene	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 UJ	5 U	5 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 UJ	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 UJ	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U
Isopropyl Benzene	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 UJ	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 UJ	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 UJ	5 U
n-Butylbenzene	5 U	5 U	5 UJ	5 U
Hexachlorobutadiene	R	R	5 U	R
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U
Total Aggregate:	2 J	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Sample Locations

Compounds	OBG-44BD	OBG-45S	OBG-45BS	OBG-46BS	OBG-46BD
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 UJ	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 UJ	R	R	R
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
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Sample Locations

Compounds	OBG-44BD	OBG-45S	OBG-45BS	OBG-46BS	OBG-46BD
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 UJ	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropyl Benzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 UJ	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 UJ	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 UJ	5 U	5 U	5 U
n-Butylbenzene	5 U	5 UJ	5 U	5 U	5 U
Hexachlorobutadiene	5 UJ	5 U	R	R	R
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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Sample Locations

Compounds	OBG-47BS	OBG-48S	OBG-49BS	OBG-49BD	OBG-50
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 UJ	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 UJ
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	1 J	5 U	2 J	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	5 UJ	R	R	R
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	2 J	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	6 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 UJ

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	OBG-47BS	OBG-48S	OBG-49BS	OBG-49BD	OBG-50
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 UJ
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 UJ	10 U	10 U	10 UJ
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropyl Benzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 UJ	5 U	5 U	1 J
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	2 J
p-Cymene	5 U	5 UJ	5 U	5 U	2 J
1,2,4-Trimethylbenzene	5 U	5 UJ	5 U	5 U	1 J
n-Butylbenzene	5 U	5 UJ	5 U	5 U	3 J
Hexachlorobutadiene	R	5 U	R	R	R
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	45
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	1 J	2 J	2 J	0	54

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	OBG-51	OBG-52	OBG-53	OBG-54	OBG-55
Benzene	5 U	5 U	5 U	5 U	25 U
Bromodichloromethane	5 U	5 U	5 U	5 U	25 UJ
Bromoform	5 U	5 U	5 U	5 U	25 U
Bromomethane	10 U	10 U	10 U	10 U	50 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	25 U
Chlorobenzene	5 U	5 U	5 U	5 U	25 U
Chloroethane	10 U	10 U	10 U	10 U	50 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	50 U
Chloroform	5 U	5 U	5 U	5 U	25 U
Chloromethane	10 U	10 U	10 U	10 U	50 U
Dibromochloromethane	5 U	5 U	5 U	5 U	25 U
1,2-Dibromo-3-Chloropropane	R	R	R	R	R
1,2-Dibromoethane	5 U	5 U	5 U	5 U	25 U
Dibromomethane	5 U	5 U	5 U	5 U	25 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	50 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	210
1,2-Dichloroethane	5 U	5 U	5 U	5 U	25 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	25 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	25 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	25 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	25 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	25 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	25 U
Ethylbenzene	5 U	5 U	5 U	5 U	25 U
Methylene Chloride	5 U	5 U	5 U	5 U	11 J
Styrene	5 U	5 U	5 U	5 U	25 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	25 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	25 U
Tetrachloroethene	5 U	5 U	5 U	5 U	25 U
Toluene	5 U	5 U	5 U	5 U	17 J
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	1100 J
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	25 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	OBG-51	OBG-52	OBG-53	OBG-54	OBG-55
Trichloroethene	5 U	5 U	5 U	5 U	25 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	25 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	25 U
Vinyl Chloride	10 U	10 U	10 U	10 U	50 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	50 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	50 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	50 U
Xylenes, Total	5 U	5 U	5 U	5 U	42
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	25 U
Isopropyl Benzene	5 U	5 U	5 U	5 U	25 U
n-Propylbenzene	5 U	5 U	5 U	5 U	25 U
t-Butylbenzene	5 U	5 U	5 U	5 U	25 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	25 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	12 J
p-Cymene	5 U	5 U	5 U	5 U	25 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	29
n-Butylbenzene	5 U	5 U	5 U	5 U	25 U
Hexachlorobutadiene	R	R	5 U	5 U	R
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	25 U
Naphthalene	5 U	5 U	5 U	5 U	25 U
Bromobenzene	5 U	5 U	5 U	5 U	25 U
Bromochloromethane	5 U	5 U	5 U	5 U	25 U
2-Chlorotoluene	5 U	5 U	5 UJ	5 UJ	25 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	25 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	25 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	25 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	25 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	25 U
Total Aggregate:	0	0	0	0	1,421 J

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	OBG-56	OBG-57	Rencor #2	OBG-58	OBG-59
Benzene	5	5 U	5 U	5 U	5 UJ
Bromodichloromethane	5 U	5 U	5 U	5 U	3 J
Bromoform	5 U	5 U	5 U	5 U	5 UJ
Bromomethane	10 U	10 UJ	10 U	10 U	10 UJ
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 UJ
Chlorobenzene	5 U	5 U	5 UJ	5 U	5 UJ
Chloroethane	10 U	10 U	10 U	10 U	10 UJ
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 UJ
Chloroform	5 U	5 U	5 U	5 U	25 J
Chloromethane	10 U	10 U	10 U	10 U	10 UJ
Dibromochloromethane	5 U	5 U	5 U	5 U	5 UJ
1,2-Dibromo-3-Chloropropane	R	5 UJ	R	R	5 UJ
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 UJ
Dibromomethane	5 U	5 U	5 U	5 U	5 UJ
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 UJ
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 UJ
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 UJ
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 UJ
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 UJ
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 UJ
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 UJ
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 UJ
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 UJ
Ethylbenzene	5 U	5 U	5 UJ	5 U	5 UJ
Methylene Chloride	5 U	5 U	5 U	5 U	5 UJ
Styrene	5 U	5 U	5 UJ	5 U	5 UJ
1,1,1,2-Tetrachloroethane	5 U	5 U	5 UJ	5 U	5 UJ
1,1,2,2-Tetrachloroethane	5 U	5 U	5 UJ	5 U	5 UJ
Tetrachloroethene	5 U	5 U	5 UJ	5 U	5 UJ
Toluene	5 U	5 U	5 UJ	5 U	5 UJ
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 UJ
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 UJ

Notes:

1. All units in ug/L (ppb).
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3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation

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Sample Locations

Compounds	OBG-56	OBG-57	Rencor #2	OBG-58	OBG-59
Trichloroethene	5 U	5 U	5 U	5 U	110 J
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 UJ
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	5 UJ
Vinyl Chloride	10 U	10 U	10 U	10 U	10 UJ
1,3-Dichlorobenzene	10 U	10 U	10 UJ	10 U	10 UJ
1,2-Dichlorobenzene	10 U	10 UJ	10 UJ	10 U	10 UJ
1,4-Dichlorobenzene	10 U	10 U	10 UJ	10 U	10 UJ
Xylenes, Total	5 U	5 U	5 UJ	5 U	5 UJ
1,2,3-Trichlorobenzene	5 U	5 U	5 UJ	5 U	5 UJ
Isopropyl Benzene	5 U	5 U	5 UJ	5 U	5 UJ
n-Propylbenzene	5 U	5 U	5 UJ	5 U	5 UJ
t-Butylbenzene	5 U	5 U	5 UJ	5 U	5 UJ
sec-Butylbenzene	5 U	5 UJ	5 UJ	5 U	5 UJ
1,3,5-Trimethylbenzene	5 U	5 U	5 UJ	5 U	5 UJ
p-Cymene	5 U	5 UJ	5 UJ	5 U	5 UJ
1,2,4-Trimethylbenzene	5 U	5 UJ	5 UJ	5 U	5 UJ
n-Butylbenzene	5 U	5 UJ	5 UJ	5 U	5 UJ
Hexachlorobutadiene	R	5 U	R	5 U	5 UJ
1,2,4-Trichlorobenzene	5 U	5 U	5 UJ	5 U	5 UJ
Naphthalene	5 U	5 U	5 UJ	5 U	5 UJ
Bromobenzene	5 U	5 U	5 UJ	5 U	5 UJ
Bromochloromethane	5 U	5 U	5 U	5 U	5 UJ
2-Chlorotoluene	5 U	5 U	5 UJ	5 UJ	5 UJ
4-Chlorotoluene	5 U	5 U	5 UJ	5 U	5 UJ
1,2-Dibromoethane	5 U	5 U	5 UJ	5 U	5 UJ
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 UJ
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 UJ
1,1-Dichloropropane	5 U	5 U	5 U	5 U	5 UJ
Total Aggregate:	5	0	0	0	138 J

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Compounds	Sample Locations				
	OBG-67 (OBG59 Dup.)	OBG-60	OBG-61	OBG-62	OBG-63
Benzene	5 U	5 U	50 U	5 U	50 U
Bromodichloromethane	3 J	5 U	50 U	5 U	50 U
Bromoform	5 U	5 U	50 U	5 U	50 U
Bromomethane	10 U	10 U	100 U	10 U	100 U
Carbon Tetrachloride	5 U	5 U	50 U	5 U	50 U
Chlorobenzene	5 U	5 U	50 U	5 U	50 U
Chloroethane	10 U	10 U	100 U	10 U	100 UJ
2-Chloroethyl vinyl ether	10 U	10 U	100 U	10 U	100 U
Chloroform	20	5 U	50 U	5 U	50 U
Chloromethane	10 U	10 U	100 U	10 U	100 U
Dibromochloromethane	5 U	5 U	50 U	5 U	50 U
1,2-Dibromo-3-Chloropropane	5 U	R	R	R	R
1,2-Dibromoethane	5 U	5 U	50 U	5 U	50 U
Dibromomethane	5 U	5 U	50 U	5 U	50 U
Dichlorodifluoromethane	10 U	10 U	100 U	10 U	100 U
1,1-Dichloroethane	5 U	5 U	50 U	5 U	50 U
1,2-Dichloroethane	5 U	5 U	50 U	5 U	50 U
1,1-Dichloroethene	5 U	5 U	50 U	5 U	50 U
trans-1,2 Dichloroethene	5 U	5 U	50 U	5 U	50 U
cis-1,2 Dichloroethene	1 J	5 U	10 J	5 U	50 U
1,2-Dichloropropane	5 U	5 U	50 U	5 U	50 U
cis-1,3-Dichloropropene	5 U	5 U	50 U	5 U	50 U
trans-1,3-Dichloropropene	5 U	5 U	50 U	5 U	50 U
Ethylbenzene	5 U	5 U	50 U	5 U	50 U
Methylene Chloride	5 U	5 U	50 U	5 U	50 U
Styrene	5 U	5 U	50 U	5 U	50 U
1,1,1,2-Tetrachloroethane	5 U	5 U	50 U	5 U	50 U
1,1,2,2-Tetrachloroethane	5 U	5 U	50 U	5 U	50 U
Tetrachloroethene	5 U	5 U	50 U	5 U	50 U
Toluene	5 U	5 U	50 U	5 U	50 U
1,1,1-Trichloroethane	5 U	5 U	50 U	5 U	50 U
1,1,2-Trichloroethane	5 U	5 U	50 U	5 U	50 UJ

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
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Compounds	Sample Locations				
	OBG-67 (OBG59 Dup.)	OBG-60	OBG-61	OBG-62	OBG-63
Trichloroethene	140	5 U	850	5 U	1,300
Trichlorofluoromethane	5 U	5 U	50 U	5 U	50 UJ
1,2,3-Trichloropropane	5 U	5 U	50 U	5 U	50 U
Vinyl Chloride	10 U	10 U	100 U	10 U	100 U
1,3-Dichlorobenzene	10 U	10 U	100 U	10 U	100 U
1,2-Dichlorobenzene	10 U	10 U	100 U	10 U	100 UJ
1,4-Dichlorobenzene	10 U	10 U	100 U	10 U	100 U
Xylenes, Total	5 U	5 U	50 U	5 U	50 U
1,2,3-Trichlorobenzene	5 U	5 U	50 U	5 U	50 U
Isopropyl Benzene	5 U	5 U	50 U	5 U	50 U
n-Propylbenzene	5 U	5 U	50 U	5 U	50 U
t-Butylbenzene	5 U	5 U	50 U	5 U	50 U
sec-Butylbenzene	5 U	5 U	50 U	5 U	50 U
1,3,5-Trimethylbenzene	5 U	5 U	50 U	5 U	50 U
p-Cymene	5 U	5 U	50 U	5 U	50 U
1,2,4-Trimethylbenzene	5 U	5 U	50 U	5 U	50 U
n-Butylbenzene	5 U	5 U	50 U	5 U	50 U
Hexachlorobutadiene	5 UJ	5 U	R	R	R
1,2,4-Trichlorobenzene	5 U	5 U	50 U	5 U	50 U
Naphthalene	5 U	5 U	50 U	1 J	50 U
Bromobenzene	5 U	5 U	50 U	5 U	50 U
Bromochloromethane	5 U	5 U	50 U	5 U	50 U
2-Chlorotoluene	5 U	5 UJ	50 U	5 U	50 U
4-Chlorotoluene	5 U	5 U	50 U	5 U	50 U
1,2-Dibromoethane	5 U	5 U	50 U	5 U	50 U
1,3-Dichloropropane	5 U	5 U	50 U	5 U	50 U
2,2-Dichloropropane	5 U	5 U	50 U	5 U	50 U
1,1-Dichloropropene	5 U	5 U	50 U	5 U	50 U
Total Aggregate:	164	0	860	1 J	1,300

Notes:

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2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	OBG-64	OBG-65	OBG-69 (65 Dup.)	OBG-66
Benzene	5 U	5 U	5 U	5 U
Bromodichloromethane	5 UJ	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 UJ	10 UJ
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U
Chloroform	5 U	1 J	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	R	R	R	R
1,2-Dibromoethane	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U
Styrene	5 U	5 UJ	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 UJ	5 U	5 U
Toluene	5 U	5 UJ	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 UJ	5 UJ

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
5. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	OBG-64	OBG-65	OBG-69 (65 Dup.)	OBG-66
Trichloroethene	27 J	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 UJ	5 UJ	5 UJ
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 UJ	10 UJ
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 UJ	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U
Isopropyl Benzene	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U
Hexachlorobutadiene	R	R	R	R
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U
Total Aggregate:	27 J	1 J	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to a deficiency in the data generation process.
7. "R" indicates that the reporting limit or sampling result has been determined to be unusable due to a major deficiency in the data generation process.

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Sample Locations

Compounds	GM-2		GM-3		GM-4		GM-5		GM-6		GM-7	
Aroclor-1016	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1221	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
Aroclor-1232	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1242	0.13		0.065	U	0.065	U	8.5		0.065	U	0.065	U
Aroclor-1248	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1254	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1260	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-8A		GM-9		GM-9D		GM-10		GM-11	
Aroclor-1016	0.65	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1221	1.6	U	0.16	U	0.16	U	0.16	U	0.16	U
Aroclor-1232	0.65	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1242	53		0.041	J	0.92		0.065	U	0.063	J
Aroclor-1248	0.65	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1254	0.65	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1260	0.65	U	0.065	U	0.065	U	0.065	U	0.065	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-12A	GM-12B	GM-12C	GM-12D	GM-14
Aroclor-1016	1.3 U	0.065 U	0.65 U	0.065 U	0.065 U
Aroclor-1221	3.2 U	0.16 U	1.6 U	0.16 U	0.16 U
Aroclor-1232	1.3 U	0.065 U	0.65 U	0.065 U	0.065 U
Aroclor-1242	19	7.7	33	0.091	0.065 U
Aroclor-1248	1.3 U	0.065 U	0.65 U	0.065 U	0.065 U
Aroclor-1254	1.3 U	0.065 U	0.65 U	0.065 U	0.065 U
Aroclor-1260	1.3 U	0.065 U	0.65 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-15	GM-16	GM-17	GM-18	GM-19
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.038 J	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.030 J	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-21	GM-45 (GM21 Dup.)	GM-22	GM-23	GM-24
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	7.7	7.4	0.10	0.065 U	2.1 J
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-25	GM-26D	GM-28	GM-29	GM-30
Aroclor-1016	0.65 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	1.6 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.65 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	52	0.065 U	0.30	0.065 U	1.4
Aroclor-1248	0.65 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.65 U	0.065 U	0.14	0.065 U	0.065 U
Aroclor-1260	0.65 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-31	GM-32	GM-33	GM-34	GM-35
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.021 J	0.78	1.5	0.065 U	0.37
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.034 J	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-46 (GM-35 Dup.)	GM-36	GM-37	GM-38	GM-39	GM-40D
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.47	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	F-2	F-3	F-4	SW-1	SW-2
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	1.4	0.15	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	SW-3		SW-4		SW-5		SW-6	
Aroclor-1016	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1221	0.16	U	0.16	U	0.16	U	0.16	U
Aroclor-1232	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1242	0.44		0.65		0.065	U	0.065	U
Aroclor-1248	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1254	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1260	0.065	U	0.065	U	0.065	U	0.065	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GFNB	Hillman	Dobroski	Hughes
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	1.9	0.065 U	0.065 U	0.046 J
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	Spring #1	Spring #3	Griffin Ave. Spring	Hillview Ave. Spring
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.031 J	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-15BS	OBG-68 (OBG15BS Dup.)	OBG-15BD	OBG-26BD	OBG-26T
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.065 U	0.065 U	1.7
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.30
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Compounds	OBG-43BS	OBG-43BD	OBG-44S	OBG-44BS
Aroclor-1016	0.065 U	0.065 U	0.65 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	1.6 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.65 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	41	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.65 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.65 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.65 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-44BD		OBG-45S		OBG-45BS		OBG-46BS		OBG-46BD	
Aroclor-1016	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1221	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
Aroclor-1232	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1242	0.041	J	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1248	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1254	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1260	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-47BS	OBG-48S	OBG-49BS	OBG-49BD	OBG-50
Aroclor-1016	0.065 U	0.65 U	0.065 U	0.065 U	0.65 U
Aroclor-1221	0.16 U	1.6 U	0.16 U	0.16 U	1.6 U
Aroclor-1232	0.065 U	0.65 U	0.065 U	0.065 U	0.65 U
Aroclor-1242	0.14	19	0.065 U	0.065 U	60
Aroclor-1248	0.065 U	0.65 U	0.065 U	0.065 U	0.65 U
Aroclor-1254	0.065 U	0.65 U	0.065 U	0.065 U	0.65 U
Aroclor-1260	0.065 U	0.65 U	0.065 U	0.065 U	0.65 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-51		OBG-52		OBG-53		OBG-54		OBG-55	
Aroclor-1016	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1221	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
Aroclor-1232	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1242	2.0		0.15		0.12		0.52		0.041	J
Aroclor-1248	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1254	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1260	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

**Ground Water Program Analytical Results
Remedial Investigation
October 30 to November 9, 1995**

**General Electric Company
Fort Edward, New York**

Sample Locations

Compounds	OBG-56		OBG-57		Rencor #2		OBG-58		OBG-59	
Aroclor-1016	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1221	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U
Aroclor-1232	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1242	0.37		1.7		0.14		0.065	U	0.040	J
Aroclor-1248	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Aroclor-1254	0.065	U	0.065	U	0.065	U	0.065	U	0.016	J
Aroclor-1260	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

**Ground Water Program Analytical Results
Remedial Investigation
October 30 to November 9, 1995**

**General Electric Company
Fort Edward, New York**

Sample Locations

Compounds	OBG-67 (OBG59 Dup.)	OBG-60	OBG-61	OBG-62	OBG-63
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.036 J	0.065 U	0.065 U	0.065 U	9.3
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.018 J	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

Ground Water Program Analytical Results
Remedial Investigation
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General Electric Company
Fort Edward, New York

Sample Locations

Compounds	OBG-64	OBG-65	OBG-69 (OBG65 Dup.)	OBG-66
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	26	2.0	3.3	15
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	2.1	0.065 UJ	0.40 J	4.5
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

Ground Water Program Analytical Results
Remedial Investigation
October 30 to November 9, 1995
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-4	GM-5
Phenol	10 U	10 U
bis(2-Chloroethyl) Ether	10 U	10 U
2-Chlorophenol	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U
N-Nitrosodimethylamine	10 U	10 U
2,2-oxybis(1-Chloropropane)	10 U	10 U
N-Nitroso-Di-n-propylamine	10 U	10 U
Hexachloroethane	10 U	10 U
Nitrobenzene	10 U	10 U
Isophorone	10 U	10 U
2-Nitrophenol	10 U	10 U
2,4-Dimethylphenol	10 U	10 U
bis(2-Chloroethoxy)Methane	10 U	10 U
2,4-Dichlorophenol	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U
Naphthalene	10 U	70
Hexachlorobutadiene	10 U	10 U
4-Chloro-3-methylphenol	10 U	10 U
2-Methylnaphthalene	10 U	83
Hexachlorocyclopentadiene	10 U	10 U
2,4,6-Trichlorophenol	10 U	10 U
2-Chloronaphthalene	10 U	10 U
Dimethyl Phthalate	10 U	10 U
Acenaphthylene	10 U	10 U
Acenaphthene	10 U	10 U
4-Nitrophenol	50 U	50 U
2,4-Dinitrotoluene	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U
Diethylphthalate	10 U	10 U
4-Chlorophenyl-phenylether	10 U	10 U

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.

Ground Water Program Analytical Results
Remedial Investigation
October 30 to November 9, 1995
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-4	GM-5
Fluorene	10 UJ	10 UJ
4,6-Dinitro-2-methylphenol	50 U	50 U
N-Nitrosodiphenylamine	10 U	10 U
Azobenzene	10 U	10 U
4-Bromophenyl-phenylether	10 U	10 U
Hexachlorobenzene	10 U	10 U
Pentachlorophenol	50 U	50 U
Phenanthrene	10 U	10 U
Anthracene	10 U	10 U
Di-n-Butylphthalate	10 U	10 U
Fluoranthene	10 U	10 U
Pyrene	10 U	10 UJ
Butylbenzylphthalate	10 U	10 UJ
3,3-Dichlorobenzidine	20 U	20 UJ
Benzo(a)Anthracene	10 U	10 UJ
Bis(2-Ethylhexy)Phthalate	10 U	10 UJ
Chrysene	10 U	10 UJ
Di-n-octyl phthalate	10 U	10 UJ
Benzo(b)fluoranthene	10 U	10 UJ
Benzo(k)fluoranthene	10 U	10 UJ
Benzo(a)Pyrene	10 U	10 UJ
Indeno(1,2,3-cd)Pyrene	10 U	10 UJ
Dibenzo(a,h)Anthracene	10 U	10 UJ
Benzo(g,h,i)Perylene	10 U	10 UJ
Benzdine	80 U	80 UJ
2,4-Dinitrophenol	50 U	50 U
Total Aggregate:	0	153

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.

APPENDIX H-2

**Storm Sewer Water Quality Summary Table
January 10 to 12, 1996**

Sewer Inspection Program Analytical Results
Remedial Investigation
January 10 to 12, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	MH-4	MH-5	MH-7	MH-8	MH-9
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	3 J	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	14	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	12 U	16	13
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 UJ	5 UJ	5 UJ	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the practical quantitation limit shown.
3. "UJ" indicates that the sample-specific practical quantitation limit of the analyte should be considered approximate due to an excursion from the validation criteria.
4. "J" indicates that the concentration should be considered approximate because the reported concentration is less than sample-specific practical quantitation limit shown.

Sewer Inspection Program Analytical Results
Remedial Investigation
January 10 to 12, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	MH-4	MH-5	MH-7	MH-8	MH-9
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	2 J	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	7 J	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	0	23	3 J	16	13

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit of the analyte should be considered approximate due to an excursion from the validation criteria.
6. "J" indicates that the concentration should be considered approximate because the reported concentration is less than sample-specific practical quantitation limit shown.

Sewer Inspection Program Analytical Results
Remedial Investigation
January 10 to 12, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	MH-1X (MH-9 Dup.)	MH-10	MH-13	MH-14	MH-15
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	4 J	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	14 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

- Notes:**
1. All units in ug/L (ppb).
 2. "U" indicates that the analyte was not detected at the practical quantitation limit shown.
 3. "UJ" indicates that the sample-specific practical quantitation limit of the analyte should be considered approximate due to an excursion from the validation criteria.
 4. "J" indicates that the concentration should be considered approximate because the reported concentration is less than sample-specific practical quantitation limit shown.

Sewer Inspection Program Analytical Results
Remedial Investigation
January 10 to 12, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	MH-1X (MH-9 Dup.)	MH-10	MH-13	MH-14	MH-15
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	4 J	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit of the analyte should be considered approximate due to an excursion from the validation criteria.
6. "J" indicates that the concentration should be considered approximate because the reported concentration is less than sample-specific practical quantitation limit shown.

Sewer Inspection Program Analytical Results
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General Electric Company
Fort Edward, New York

Sample Locations

Compounds	MH-23	MH-25
Benzene	4 J	5 U
Bromodichloromethane	5 U	5 U
Bromoform	5 U	5 U
Bromomethane	10 U	10 U
Carbon Tetrachloride	5 U	5 U
Chlorobenzene	5 U	5 U
Chloroethane	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U
Chloroform	5 U	5 U
Chloromethane	10 U	10 U
Dibromochloromethane	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U
1,2-Dibromoethane	5 U	5 U
Dibromomethane	5 U	5 U
Dichlorodifluoromethane	10 U	10 U
1,1-Dichloroethane	5 U	5 U
1,2-Dichloroethane	5 U	5 U
1,1-Dichloroethene	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U
1,2-Dichloropropane	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U
Ethylbenzene	5 U	5 U
Methylene Chloride	5 U	5 U
Styrene	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U
Tetrachloroethene	5 U	5 U
Toluene	4 J	5 U
1,1,1-Trichloroethane	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the practical quantitation limit shown.
3. "UJ" indicates that the sample-specific practical quantitation limit of the analyte should be considered approximate due to an excursion from the validation criteria.
4. "J" indicates that the concentration should be considered approximate because the reported concentration is less than sample-specific practical quantitation limit shown.

Sewer Inspection Program Analytical Results
Remedial Investigation
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General Electric Company
Fort Edward, New York

Sample Locations

Compounds	MH-23	MH-25
Trichloroethene	5 U	5 U
Trichlorofluoromethane	5 U	5 U
1,2,3-Trichloropropane	10 U	10 U
Vinyl Chloride	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U
Xylenes, Total	10	5 U
Isopropylbenzene	5 U	5 U
n-Propylbenzene	5 U	5 U
t-Butylbenzene	5 U	5 U
sec-Butylbenzene	9	5 U
1,3,5-Trimethylbenzene	5 U	5 U
p-Cymene	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U
n-Butylbenzene	18	5 U
Hexachlorobutadiene	5 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U
Naphthalene	49	5 U
Bromobenzene	5 U	5 U
Bromochloromethane	5 U	5 U
2-Chlorotoluene	5 U	5 U
4-Chlorotoluene	5 U	5 U
1,3-Dichloropropane	5 U	5 U
2,2-Dichloropropane	5 U	5 U
1,1-Dichloropropene	5 U	5 U
Total Aggregate:	94	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624 modified with additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the practical quantitation limit shown.
5. "UJ" indicates that the sample-specific practical quantitation limit of the analyte should be considered approximate due to an excursion from the validation criteria.
6. "J" indicates that the concentration should be considered approximate because the reported concentration is less than sample-specific practical quantitation limit shown.

**Sewer Inspection Program Analytical Results
Supplemental Remedial Investigation
January 10 to 12, 1996**

**General Electric Company
Fort Edward, New York**

Sample Locations

Compounds	MH-4		MH-5		MH-7		MH-8		MH-9	
Aroclor-1016	0.65	U	0.065	U	0.065	U	0.65	U	0.065	U
Aroclor-1221	1.6	U	0.16	U	0.16	U	1.6	U	0.16	U
Aroclor-1232	0.65	U	0.065	U	0.065	U	0.65	U	0.065	U
Aroclor-1242	51		9.0		4.3		53		17	J
Aroclor-1248	0.65	U	0.065	U	0.065	U	0.65	U	0.065	U
Aroclor-1254	9.7		1.3		1.1		7.6		3.1	J
Aroclor-1260	0.65	U	0.065	U	0.065	U	0.65	U	0.065	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the field duplicate precision did not meet validation criteria.

**Sewer Inspection Program Analytical Results
Supplemental Remedial Investigation
January 10 to 12, 1996**

**General Electric Company
Fort Edward, New York**

Sample Locations

Compounds	MH-1X (MH-9 Dup.)		MH-10		MH-13		MH-14		MH-15	
Aroclor-1016	0.065	U	1.3	U	0.065	U	0.065	U	0.065	U
Aroclor-1221	0.16	U	3.2	U	0.16	U	0.16	U	0.16	U
Aroclor-1232	0.065	U	1.3	U	0.065	U	0.065	U	0.065	U
Aroclor-1242	4.5	J	53		1.3		1.3		11	
Aroclor-1248	0.065	U	1.3	U	0.065	U	0.065	U	0.065	U
Aroclor-1254	0.81	J	24	U	0.065	U	3.3		1.8	
Aroclor-1260	0.065	U	1.3	U	0.065	U	0.065	U	0.065	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the field duplicate precision exceeded the validation criteria.

**Sewer Inspection Program Analytical Results
Supplemental Remedial Investigation
January 10 to 12, 1996**

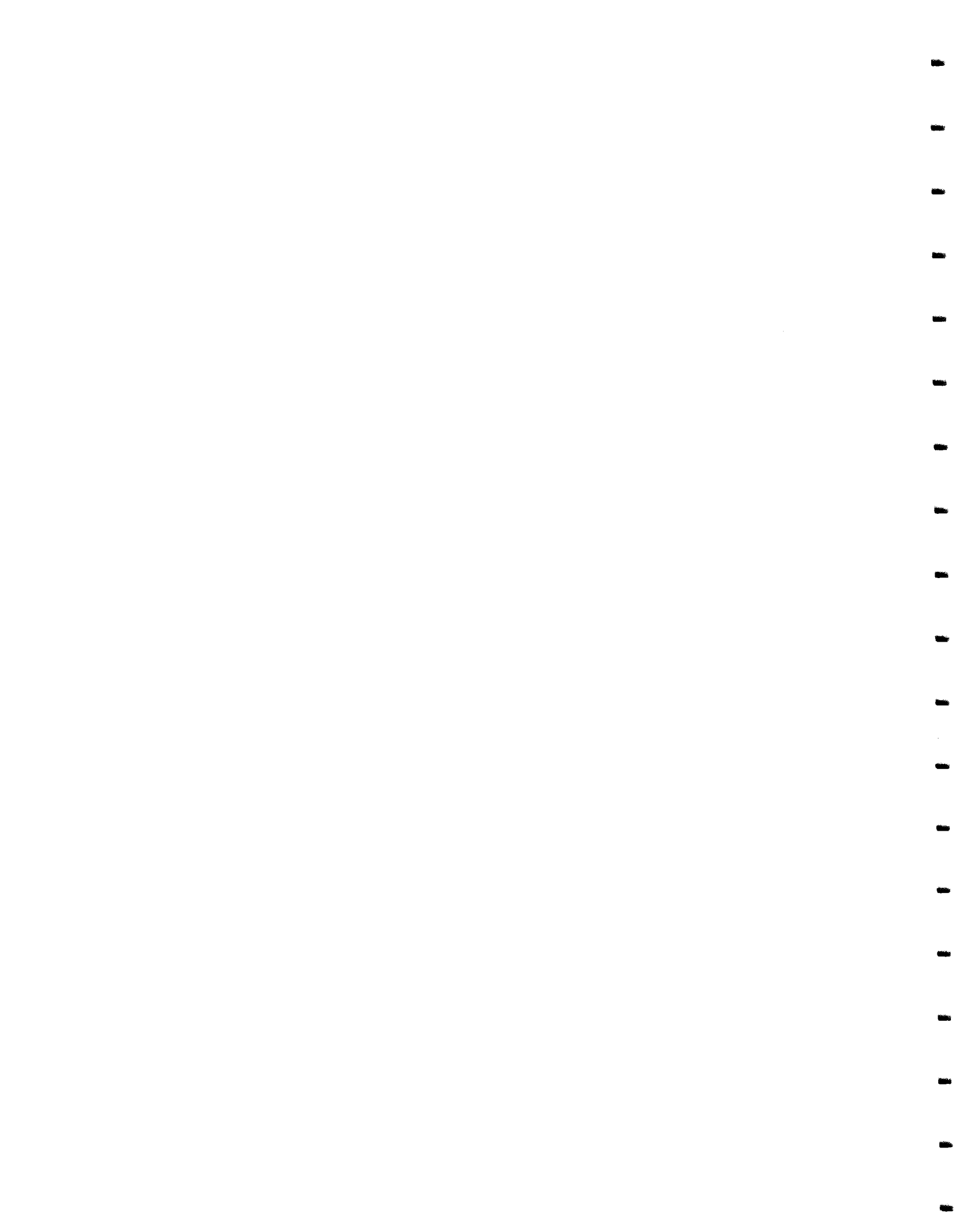
**General Electric Company
Fort Edward, New York**

Sample Locations

Compounds	MH-22 (Water)	MH-23A (LNAPL)	MH-25
Aroclor-1016	0.065 U	4,000 U	6.5 U
Aroclor-1221	0.16 U	4,000 U	16.0 U
Aroclor-1232	0.065 U	4,000 U	6.5 U
Aroclor-1242	7.3	78,000	1200
Aroclor-1248	0.065 U	4,000 U	6.5 U
Aroclor-1254	2.4	24,000	6.5 U
Aroclor-1260	0.065 U	4,000 U	6.5 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.



APPENDIX H-3

**Ground Water Quality Summary Table for Monitoring Wells
January 17, 1996**

Ground Water Program Analytical Results
Supplemental Remedial Investigation
January 17, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-9D	GM-12D	OBG-56	OBG-63	OBG-67 (OBG-63 Dup.)
Benzene	5 U	5 U	5 U	50 U	5 U
Bromodichloromethane	5 U	5 U	5 U	50 U	5 U
Bromoform	5 U	5 U	5 U	50 U	5 U
Bromomethane	10 U	10 U	10 U	100 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	50 U	5 U
Chlorobenzene	5 U	5 U	5 U	50 U	5 U
Chloroethane	10 U	10 U	10 U	100 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	100 U	10 U
Chloroform	5 U	5 U	5 U	50 U	5 U
Chloromethane	10 U	10 U	10 U	100 U	10 U
Dibromochloromethane	5 U	5 U	5 U	50 U	5 U
Dichlorodifluoromethane	10 U	10 U	NA	100 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	50 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	50 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	50 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	50 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	50 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	50 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	50 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	50 U	5 U
Ethylbenzene	5 U	5 U	5 U	50 U	5 U
Methylene Chloride	5 U	5 U	5 U	50 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	50 U	5 U
Tetrachloroethene	5 U	5 U	5 U	50 U	5 U
Toluene	5 U	5 U	5 U	50 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	50 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	50 U	5 U
Trichloroethene	5 U	5 U	5 U	230	330
Trichlorofluoromethane	5 U	5 U	5 U	50 U	5 U
Vinyl Chloride	10 U	10 U	10 U	100 U	10 U
1,3-Dichlorobenzene	10 U	10 U	NA	100 U	10 U
1,2-Dichlorobenzene	10 U	10 U	NA	100 U	10 U
1,4-Dichlorobenzene	10 U	10 U	NA	100 U	10 U
Total Aggregate:	0	0	0	230	330

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the practical quantitation limit shown.
3. Volatile organic compounds quantitated using EPA Method 624.
4. All analyses performed by Adirondack Environmental Services, Inc.

Ground Water Program Analytical Results
Supplemental Remedial Investigation
January 17, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	OBG-64	OBG-65	OBG-66
Benzene	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U
Toluene	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U
Trichloroethene	8	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U
Total Aggregate:	8	0	0

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the practical quantitation limit shown.
3. Volatile organic compounds quantitated using EPA Method 624.
4. All analyses performed by Adirondack Environmental Services, Inc.

**Ground Water Program Analytical Results
Supplemental Remedial Investigation
January 17, 1996**

**General Electric Company
Fort Edward, New York**

Sample Locations

Compounds	GM-9D		GM-12D		OBG-26T		OBG-56	
Aroclor-1016	0.065	U	0.065	U	0.325	U	0.065	U
Aroclor-1221	0.16	U	0.16	U	0.8	U	0.16	U
Aroclor-1232	0.065	U	0.065	U	0.325	U	0.065	U
Aroclor-1242	0.263		0.065	U	7.6		0.065	U
Aroclor-1248	0.065	U	0.065	U	0.325	U	0.065	U
Aroclor-1254	0.065	U	0.065	U	1.4		0.065	U
Aroclor-1260	0.065	U	0.065	U	0.325	U	0.065	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

**Ground Water Program Analytical Results
Supplemental Remedial Investigation
January 17, 1996**

**General Electric Company
Fort Edward, New York**

Compounds	Sample Locations									
	OBG-63		OBG-67 (OBG-63 Dup.)		OBG-64		OBG-65		OBG-66	
Aroclor-1016	0.325	U	0.325	U	0.325	U	0.325	U	0.325	U
Aroclor-1221	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Aroclor-1232	0.325	U	0.325	U	0.325	U	0.325	U	0.325	U
Aroclor-1242	8.1		8.8		8.3		3.6		17	
Aroclor-1248	0.325	U	0.325	U	0.325	U	0.325	U	0.325	U
Aroclor-1254	0.325	U	0.325	U	0.325	U	0.325	U	1.5	U
Aroclor-1260	0.325	U	0.325	U	0.325	U	0.325	U	0.325	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.

APPENDIX H-4

**Ground Water Quality Summary Table for Monitoring Well GM-11D
March 12 to 14, 1996**

Monitoring Well GM-11D Packer Testing Analytical Results
Supplemental Remedial Investigation
March 12 to 14, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-11D S-1	GM-11D S-2	GM-11D X-1 (S-2 Dup.)	GM-11D S-3	GM-11D S-4
Chloromethane	10 U	10 U	10 U	10 U	10 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
Chloroform	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane					
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U
Benzene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Toluene	9	33	35	180	16
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
Xylenes (total)	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	5 U	6	6	5 U	24
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	5 U	5	5	5 U	5 U
1,4-Dichlorobenzene	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	9	44	46	180	40

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.

Monitoring Well GM-11D Packer Testing Analytical Results
Supplemental Remedial Investigation
March 12 to 14, 1996

General Electric Company
Fort Edward, New York

Compounds	Sample Locations									
	GM-11D S-1		GM-11D S-2		GM-11D X-1 (S-2 Dup.)		GM-11D S-3		GM-11D S-4	
Aroclor-1016	0.65	U	0.33	U	0.33	U	0.065	U	0.065	U
Aroclor-1221	1.6	U	0.8	U	0.8	U	0.16	U	0.16	U
Aroclor-1232	0.65	U	0.33	U	0.33	U	0.065	U	0.065	U
Aroclor-1242	6.8	J	79		85		2.4	J	1.1	J
Aroclor-1248	0.65	U	0.33	U	0.33	U	0.065	U	0.065	U
Aroclor-1254	0.65	U	0.33	U	0.33	U	0.065	U	0.065	U
Aroclor-1260	0.65	U	0.33	U	0.33	U	0.065	U	0.065	U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate due to an excursion from the validation criteria.

APPENDIX H-5

**Ground Water Quality Summary Table for Monitoring Wells, Private Wells and Springs
June 17 to 26 and October 4, 1996**

Ground Water Program Analytical Results
Supplemental Remedial Investigation
June 17 to 26, and October 4, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-2	GM-3	GM-4	GM-5	GM-6
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	NA	NA	5 U	NA
1,2-Dibromoethane	5 U	NA	NA	5 U	NA
Dibromomethane	5 U	NA	NA	5 U	NA
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	NA	NA	5 U	NA
1,1,1,2-Tetrachloroethane	5 U	NA	NA	5 U	NA
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

Ground Water Program Analytical Results
Supplemental Remedial Investigation
June 17 to 26, and October 4, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-2	GM-3	GM-4	GM-5	GM-6
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	10 U	NA	NA	10 U	NA
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	NA	NA	5 U	NA
1,2,3-Trichlorobenzene	5 U	NA	NA	5 U	NA
Isopropylbenzene	5 U	NA	NA	5 U	NA
n-Propylbenzene	5 U	NA	NA	5 U	NA
t-Butylbenzene	5 U	NA	NA	5 U	NA
sec-Butylbenzene	5 U	NA	NA	5 U	NA
1,3,5-Trimethylbenzene	5 U	NA	NA	5 U	NA
p-Cymene	5 U	NA	NA	5 U	NA
1,2,4-Trimethylbenzene	5 U	NA	NA	5 U	NA
n-Butylbenzene	5 U	NA	NA	5 U	NA
Hexachlorobutadiene	5 U	NA	NA	5 U	NA
1,2,4-Trichlorobenzene	5 U	NA	NA	5 U	NA
Naphthalene	5 U	NA	NA	42	NA
Bromobenzene	5 U	NA	NA	5 U	NA
Bromochloromethane	5 U	NA	NA	5 U	NA
2-Chlorotoluene	5 U	NA	NA	5 U	NA
4-Chlorotoluene	5 U	NA	NA	5 U	NA
1,3-Dichloropropane	5 U	NA	NA	5 U	NA
2,2-Dichloropropane	5 U	NA	NA	5 U	NA
1,1-Dichloropropene	5 U	NA	NA	5 U	NA
Total Aggregate:	0	0	0	42	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

Ground Water Program Analytical Results
Supplemental Remedial Investigation
June 17 to 26, and October 4, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-7	GM-9	GM-9D	GM-10	GM-11
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

Ground Water Program Analytical Results
Supplemental Remedial Investigation
June 17 to 26, and October 4, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-7	GM-9	GM-9D	GM-10	GM-11
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
p-Cymene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Ground Water Program Analytical Results
Supplemental Remedial Investigation
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General Electric Company
Fort Edward, New York

Sample Locations

Compounds	GM-45				
	GM-12A	(GM-12A Dup)	GM-12B	GM-12C	GM-12D
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	19	16	12	25	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

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Compounds	Sample Locations				
	GM-12A	GM-45 (GM-12A Dup)	GM-12B	GM-12C	GM-12D
Trichloroethene	140	120	84	200	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
p-Cymene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
Total Aggregate:	159	136	96	225	0

Notes:

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Sample Locations

Compounds	GM-14	GM-15	GM-16	GM-17	GM-18
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

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Sample Locations

Compounds	GM-14	GM-15	GM-16	GM-17	GM-18
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
p-Cymene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
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Sample Locations

Compounds	GM-19	GM-21	GM-22	GM-23	GM-24
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	9
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	6	5 U	5 U	51
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	10	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	12
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

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Sample Locations

Compounds	GM-19	GM-21	GM-22	GM-23	GM-24
Trichloroethene	5 U	130	5 U	14	35
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
p-Cymene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
Total Aggregate:	0	136	0	24	107

Notes:

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Sample Locations

Compounds	GM-25	GM-26D	GM-28	GM-29	GM-30
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	48	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	23	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

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Sample Locations

Compounds	GM-25	GM-26D	GM-28	GM-29	GM-30
Trichloroethene	83	5 U	5 U	5 U	88
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	38	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	7	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	46	10 U	10 U	10 U	10 U
Xylenes, Total	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
p-Cymene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
Total Aggregate:	245	0	0	0	88

Notes:

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4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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Sample Locations

Compounds	GM-31	GM-32	GM-33	GM-34	GM-35
Benzene	5 U	25 U	50 U	5 U	5 U
Bromodichloromethane	5 U	25 U	50 U	5 U	5 U
Bromoform	5 U	25 U	50 U	5 U	5 U
Bromomethane	10 U	50 U	100 U	10 U	10 U
Carbon Tetrachloride	5 U	25 U	50 U	5 U	5 U
Chlorobenzene	5 U	25 U	50 U	5 U	5 U
Chloroethane	10 U	50 U	100 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	50 U	100 U	10 U	10 U
Chloroform	5 U	25 U	50 U	5 U	5 U
Chloromethane	10 U	50 U	100 U	10 U	10 U
Dibromochloromethane	5 U	25 U	50 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	10 U	50 U	100 U	10 U	10 U
1,1-Dichloroethane	5 U	25 U	50 U	5 U	5 U
1,2-Dichloroethane	5 U	25 U	50 U	5 U	5 U
1,1-Dichloroethene	5 U	25 U	50 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	25 U	50 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	25 U	50 U	5 U	5 U
1,2-Dichloropropane	5 U	25 U	50 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	25 U	50 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	25 U	50 U	5 U	5 U
Ethylbenzene	5 U	25 U	50 U	5 U	5 U
Methylene Chloride	5 U	25 U	50 U	5 U	5 U
Styrene	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5 U	25 U	50 U	5 U	5 U
Tetrachloroethene	5 U	25 U	50 U	5 U	5 U
Toluene	5 U	25 U	50 U	5 U	5 U
1,1,1-Trichloroethane	5 U	25 U	50 U	5 U	5 U
1,1,2-Trichloroethane	5 U	25 U	50 U	5 U	5 U

Notes:

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Sample Locations

Compounds	GM-31	GM-32	GM-33	GM-34	GM-35
Trichloroethene	5 U	960	1,100	5 U	15
Trichlorofluoromethane	5 U	25 U	50 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
Vinyl Chloride	10 U	50 U	100 U	10 U	10 U
1,3-Dichlorobenzene	10 U	50 U	100 U	10 U	10 U
1,2-Dichlorobenzene	10 U	50 U	100 U	10 U	10 U
1,4-Dichlorobenzene	10 U	50 U	100 U	10 U	10 U
Xylenes, Total	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
p-Cymene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
Total Aggregate:	0	960	1,100	0	15

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	GM-36	GM-37	GM-38	GM-39	GM-40D
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Sample Locations

Compounds	GM-36	GM-37	GM-38	GM-39	GM-40D
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
p-Cymene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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Sample Locations

Compounds	F-2	F-3	F-4	SW-1	SW-2
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	NA	NA	NA
1,2-Dibromoethane	5 U	5 U	NA	NA	NA
Dibromomethane	5 U	5 U	NA	NA	NA
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	NA	NA	NA
1,1,1,2-Tetrachloroethane	5 U	5 U	NA	NA	NA
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	F-2	F-3	F-4	SW-1	SW-2
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5 U	10 U	NA	NA	NA
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	NA	NA	NA
1,2,3-Trichlorobenzene	5 U	5 U	NA	NA	NA
Isopropylbenzene	5 U	5 U	NA	NA	NA
n-Propylbenzene	5 U	5 U	NA	NA	NA
t-Butylbenzene	5 U	5 U	NA	NA	NA
sec-Butylbenzene	5 U	5 U	NA	NA	NA
1,3,5-Trimethylbenzene	5 U	5 U	NA	NA	NA
p-Cymene	5 U	5 U	NA	NA	NA
1,2,4-Trimethylbenzene	5 U	5 U	NA	NA	NA
n-Butylbenzene	5 U	5 U	NA	NA	NA
Hexachlorobutadiene	5 U	5 U	NA	NA	NA
1,2,4-Trichlorobenzene	5 U	5 U	NA	NA	NA
Naphthalene	5 U	5 U	NA	NA	NA
Bromobenzene	5 U	5 U	NA	NA	NA
Bromochloromethane	5 U	5 U	NA	NA	NA
2-Chlorotoluene	5 U	5 U	NA	NA	NA
4-Chlorotoluene	5 U	5 U	NA	NA	NA
1,3-Dichloropropane	5 U	5 U	NA	NA	NA
2,2-Dichloropropane	5 U	5 U	NA	NA	NA
1,1-Dichloropropene	5 U	5 U	NA	NA	NA
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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Compounds	Sample Locations				
	SW-3	GM-46 (SW-3 Dup)	SW-4	SW-5	SW-6
Benzene	100 U	100 U	50 U	25 U	5 U
Bromodichloromethane	100 U	100 U	50 U	25 U	5 U
Bromoform	100 U	100 U	50 U	25 U	5 U
Bromomethane	200 U	200 U	100 U	50 U	10 U
Carbon Tetrachloride	100 U	100 U	50 U	25 U	5 U
Chlorobenzene	100 U	100 U	50 U	25 U	5 U
Chloroethane	200 U	200 U	100 U	50 U	10 U
2-Chloroethyl vinyl ether	200 U	200 U	100 U	50 U	10 U
Chloroform	100 U	100 U	50 U	25 U	5 U
Chloromethane	200 U	200 U	100 U	50 U	10 U
Dibromochloromethane	100 U	100 U	50 U	25 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	200 U	200 U	100 U	50 U	10 U
1,1-Dichloroethane	100 U	100 U	50 U	25 U	5 U
1,2-Dichloroethane	100 U	100 U	50 U	25 U	5 U
1,1-Dichloroethene	100 U	100 U	50 U	25 U	5 U
trans-1,2 Dichloroethene	100 U	100 U	50 U	25 U	5 U
cis-1,2 Dichloroethene	120	100 U	50 U	50	5 U
1,2-Dichloropropane	100 U	100 U	50 U	25 U	5 U
cis-1,3-Dichloropropene	100 U	100 U	50 U	25 U	5 U
trans-1,3-Dichloropropene	100 U	100 U	50 U	25 U	5 U
Ethylbenzene	100 U	100 U	50 U	25 U	5 U
Methylene Chloride	100 U	100 U	50 U	25 U	5 U
Styrene	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	100 U	100 U	50 U	25 U	5 U
Tetrachloroethene	100 U	100 U	50 U	25 U	5 U
Toluene	100 U	100 U	50 U	25 U	5 U
1,1,1-Trichloroethane	100 U	100 U	50 U	25 U	5 U
1,1,2-Trichloroethane	100 U	100 U	50 U	25 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	SW-3	GM-46 (SW-3 Dup)	SW-4	SW-5	SW-6
Trichloroethene	3,800	3,400	650	480	5 U
Trichlorofluoromethane	100 U	100 U	50 U	25 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
Vinyl Chloride	200 U	200 U	100 U	50 U	10 U
1,3-Dichlorobenzene	200 U	200 U	100 U	50 U	10 U
1,2-Dichlorobenzene	200 U	200 U	100 U	50 U	10 U
1,4-Dichlorobenzene	200 U	200 U	100 U	50 U	10 U
Xylenes, Total	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
p-Cymene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
Total Aggregate:	3,920	3,400	650	530	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Sample Locations

Compounds	GFNB	Hillman	Dobroski	Hughes	Spring #1
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	GFNB	Hillman	Dobroski	Hughes	Spring #1
Trichloroethene	5 U	5 U	33	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
p-Cymene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
Total Aggregate:	0	0	33	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Compounds	Spring #3	Sample Locations		OBG-1A	GM-47 (OBG-1A Dup)
		Griffin Ave. Spring	Hillview Ave. Spring		
Benzene	5 U	10 U	5 U	5 U	5 U
Bromodichloromethane	5 U	10 U	5 U	5 U	5 U
Bromoform	5 U	10 U	5 U	5 U	5 U
Bromomethane	10 U	20 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	10 U	5 U	5 U	5 U
Chlorobenzene	5 U	10 U	5 U	5 U	5 U
Chloroethane	10 U	20 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	20 U	10 U	10 U	10 U
Chloroform	5 U	10 U	5 U	5 U	5 U
Chloromethane	10 U	20 U	10 U	10 U	10 U
Dibromochloromethane	5 U	10 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropan	NA	NA	NA	5 U	5 U
1,2-Dibromoethane	NA	NA	NA	5 U	5 U
Dibromomethane	NA	NA	NA	5 U	5 U
Dichlorodifluoromethane	10 U	20 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	10 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	10 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	10 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	10 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	10 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	10 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	10 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	10 U	5 U	5 U	5 U
Ethylbenzene	5 U	10 U	5 U	5 U	5 U
Methylene Chloride	5 U	10 U	5 U	5 U	5 U
Styrene	NA	NA	NA	5 U	5 U
1,1,1,2-Tetrachloroethane	NA	NA	NA	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	10 U	5 U	5 U	5 U
Tetrachloroethene	5 U	10 U	5 U	5 U	5 U
Toluene	5 U	10 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	10 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	10 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Compounds	Spring #3	Sample Locations		OBG-1A	GM-47 (OBG-1A Dup)
		Griffin Ave. Spring	Hillview Ave. Spring		
Trichloroethene	5 U	300	46	5 U	5 U
Trichlorofluoromethane	5 U	10 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	10 U	10 U
Vinyl Chloride	10 U	20 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	NA	NA	NA	5 U	5 U
1,2,3-Trichlorobenzene	NA	NA	NA	5 U	5 U
Isopropylbenzene	NA	NA	NA	5 U	5 U
n-Propylbenzene	NA	NA	NA	5 U	5 U
t-Butylbenzene	NA	NA	NA	5 U	5 U
sec-Butylbenzene	NA	NA	NA	5 U	5 U
1,3,5-Trimethylbenzene	NA	NA	NA	5 U	5 U
p-Cymene	NA	NA	NA	5 U	5 U
1,2,4-Trimethylbenzene	NA	NA	NA	5 U	5 U
n-Butylbenzene	NA	NA	NA	5 U	5 U
Hexachlorobutadiene	NA	NA	NA	5 U	5 U
1,2,4-Trichlorobenzene	NA	NA	NA	5 U	5 U
Naphthalene	NA	NA	NA	7	5 U
Bromobenzene	NA	NA	NA	5 U	5 U
Bromochloromethane	NA	NA	NA	5 U	5 U
2-Chlorotoluene	NA	NA	NA	5 U	5 U
4-Chlorotoluene	NA	NA	NA	5 U	5 U
1,3-Dichloropropane	NA	NA	NA	5 U	5 U
2,2-Dichloropropane	NA	NA	NA	5 U	5 U
1,1-Dichloropropene	NA	NA	NA	5 U	5 U
Total Aggregate:	0	300	46	7	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Sample Locations

Compounds	GM-48				
	OBG-8B	(OBG-8B Dup)	OBG-15BS	OBG-15BD	OBG-26BD
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 UJ
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	200	290	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	GM-48				
	OBG-8B	(OBG-8B Dup)	OBG-15BS	OBG-15BD	OBG-26BD
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	180	240	10 U	10 U	10 U
1,2-Dichlorobenzene	61	85	10 U	10 U	10 U
1,4-Dichlorobenzene	270	360	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	25	40	5 U	5 U	5 U
Isopropylbenzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	7	12	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	723	1,020	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Sample Locations

Compounds	OBG-26T	OBG-42S	OBG-42BD	OBG-43BS	OBG-43BD
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	OBG-26T	OBG-42S	OBG-42BD	OBG-43BS	OBG-43BD
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 UJ	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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Sample Locations

Compounds	OBG-44BS	OBG-44BD	OBG-45S	OBG-45BS	OBG-45BD
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	5 U
1,2-Dibromoethane	NA	NA	NA	NA	5 U
Dibromomethane	NA	NA	NA	NA	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	NA	NA	NA	NA	5 U
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Compounds	OBG-44BS	OBG-44BD	OBG-45S	OBG-45BS	OBG-45BD
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	NA	NA	NA	NA	5 U
1,2,3-Trichlorobenzene	NA	NA	NA	NA	5 U
Isopropylbenzene	NA	NA	NA	NA	5 U
n-Propylbenzene	NA	NA	NA	NA	5 U
t-Butylbenzene	NA	NA	NA	NA	5 U
sec-Butylbenzene	NA	NA	NA	NA	5 U
1,3,5-Trimethylbenzene	NA	NA	NA	NA	5 U
p-Cymene	NA	NA	NA	NA	5 U
1,2,4-Trimethylbenzene	NA	NA	NA	NA	5 U
n-Butylbenzene	NA	NA	NA	NA	5 U
Hexachlorobutadiene	NA	NA	NA	NA	5 U
1,2,4-Trichlorobenzene	NA	NA	NA	NA	5 U
Naphthalene	NA	NA	NA	NA	5 U
Bromobenzene	NA	NA	NA	NA	5 U
Bromochloromethane	NA	NA	NA	NA	5 U
2-Chlorotoluene	NA	NA	NA	NA	5 U
4-Chlorotoluene	NA	NA	NA	NA	5 U
1,3-Dichloropropane	NA	NA	NA	NA	5 U
2,2-Dichloropropane	NA	NA	NA	NA	5 U
1,1-Dichloropropene	NA	NA	NA	NA	5 U
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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Compounds	Sample Locations				
	OBG-46BS	OBG-46BI	OBG-89 (OBG-46BI Dup.)	OBG-46BD	OBG-47BS
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 UJ	5 U	5 U	5 UJ
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Compounds	Sample Locations				
	OBG-46BS	OBG-46BI	OBG-89 (OBG-46BI Dup.)	OBG-46BD	OBG-47BS
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	10 U	10 U	5 U	10 U	5 U
Vinyl Chloride	10 U	10 U	10 UJ	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	0	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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Ground Water Program Analytical Results
Supplemental Remedial Investigation
June 17 to 26, and October 4, 1996
General Electric Company
Fort Edward, New York

Sample Locations

Compounds	OBG-48BS	OBG-49BS	OBG-49BD	OBG-50	OBG-51
Benzene	5 U	5 U	5 U	50 U	5 U
Bromodichloromethane	5 U	5 U	5 U	50 U	5 U
Bromoform	5 U	5 UJ	5 UJ	50 UJ	5 U
Bromomethane	10 U	10 U	10 U	100 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	50 U	5 U
Chlorobenzene	5 U	5 U	5 U	50 U	5 U
Chloroethane	10 U	10 U	10 U	100 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	100 U	10 U
Chloroform	5 U	5 U	5 U	50 U	5 U
Chloromethane	10 U	10 U	10 U	100 U	10 U
Dibromochloromethane	5 U	5 U	5 U	50 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	50 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	50 U	5 U
Dibromomethane	5 U	5 U	5 U	50 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	100 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	50 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	50 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	50 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	50 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	50 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	50 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	50 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	50 U	5 U
Ethylbenzene	5 U	5 U	5 U	50 U	5 U
Methylene Chloride	5 U	5 U	5 U	50 U	5 U
Styrene	5 U	5 U	5 U	50 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	50 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	50 U	5 U
Tetrachloroethene	5 U	5 U	5 U	50 U	5 U
Toluene	5 U	5 U	5 U	50 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	50 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	50 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Supplemental Remedial Investigation
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General Electric Company
Fort Edward, New York

Sample Locations

Compounds	OBG-48BS	OBG-49BS	OBG-49BD	OBG-50	OBG-51
Trichloroethene	5 U	5 U	5 U	50 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	50 U	5 U
1,2,3-Trichloropropane	10 U	10 U	10 U	100 U	5 U
Vinyl Chloride	10 U	10 U	10 U	100 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	100 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	100 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	100 U	10 U
Xylenes, Total	5 U	5 U	5 U	50 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	50 U	5 U
Isopropylbenzene	5 U	5 U	5 U	50 U	5 U
n-Propylbenzene	5 U	5 U	5 U	50 U	5 U
t-Butylbenzene	5 U	5 U	5 U	50 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	50 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	50 U	5 U
p-Cymene	5 U	5 U	5 U	50 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	50 U	5 U
n-Butylbenzene	5 U	5 U	5 U	250	5 U
Hexachlorobutadiene	5 U	5 U	5 U	50 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	50 U	5 U
Naphthalene	5 U	5 U	5 U	1,000	5 U
Bromobenzene	5 U	5 U	5 U	50 U	5 U
Bromochloromethane	5 U	5 U	5 U	50 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	50 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	50 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	50 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	50 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	50 U	5 U
Total Aggregate:	0	0	0	1,250	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Ground Water Program Analytical Results
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General Electric Company
Fort Edward, New York

Sample Locations

Compounds	OBG-52	OBG-53	OBG-54	OBG-55	OBG-56
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 UJ	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	190	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	39	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	1,100 J	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	OBG-52	OBG-53	OBG-54	OBG-55	OBG-56
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5 U	5 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	24	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	7	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	18	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	11	5 U	5 U	29	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	11	0	0	1,407 J	0

Notes:

1. All units in ug/L (ppb).
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4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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Sample Locations

Compounds	OBG-57	Rencor #2	OBG-58	OBG-59	OBG-60
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	14	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

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Sample Locations

Compounds	OBG-57	Rencor #2	OBG-58	OBG-59	OBG-60
Trichloroethene	5 U	5 U	5 U	33	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	NA	NA	NA	NA
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	NA	NA
p-Cymene	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA
2,2-Dichloropropane	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA
Total Aggregate:	0	0	0	47	0

Notes:

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Ground Water Program Analytical Results
Supplemental Remedial Investigation
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General Electric Company
Fort Edward, New York

Sample Locations

Compounds	OBG-61	OBG-62	OBG-63	OBG-64	OBG-65
Benzene	20 U	5 U	5 U	5 U	6
Bromodichloromethane	20 U	5 U	5 U	5 U	5 U
Bromoform	20 U	5 UJ	5 U	5 U	5 UJ
Bromomethane	40 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	20 U	5 U	5 U	5 U	5 U
Chlorobenzene	20 U	5 U	5 U	5 U	5 U
Chloroethane	40 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	40 U	10 U	10 U	10 U	10 U
Chloroform	20 U	5 U	5 U	5 U	5 J
Chloromethane	40 U	10 U	10 U	10 U	10 U
Dibromochloromethane	20 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	20 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	NA	5 U	5 U	5 U	5 U
Dibromomethane	NA	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	40 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	20 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	20 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	20 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	20 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	20 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	20 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	20 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	20 U	5 U	5 U	5 U	5 U
Ethylbenzene	20 U	5 U	5 U	5 U	5 U
Methylene Chloride	20 U	5 U	5 U	5 U	5 U
Styrene	NA	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	NA	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	20 U	5 U	5 U	5 U	5 U
Tetrachloroethene	20 U	5 U	5 U	5 U	5 U
Toluene	20 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	20 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	20 U	5 U	5 U	5 U	5 U

Notes:

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Sample Locations

Compounds	OBG-61	OBG-62	OBG-63	OBG-64	OBG-65
Trichloroethene	520	5 U	330 J	9	5 U
Trichlorofluoromethane	20 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	NA	10 U	10 U	10 U	10 U
Vinyl Chloride	40 U	10 U	10 UJ	10 UJ	10 U
1,3-Dichlorobenzene	40 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	40 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	40 U	10 U	10 U	10 U	10 U
Xylenes, Total	NA	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	NA	5 U	5 U	5 U	5 U
Isopropylbenzene	NA	5 U	5 U	5 U	5 U
n-Propylbenzene	NA	5 U	5 U	5 U	5 U
t-Butylbenzene	NA	5 U	5 U	5 U	5 U
sec-Butylbenzene	NA	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	NA	5 U	5 U	5 U	5 U
p-Cymene	NA	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	NA	5 U	5 U	5 U	5 U
n-Butylbenzene	NA	5 U	5 U	5 U	5 U
Hexachlorobutadiene	NA	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	NA	5 U	5 U	5 U	5 U
Naphthalene	NA	5	5 U	5 U	5 U
Bromobenzene	NA	5 U	5 U	5 U	5 U
Bromochloromethane	NA	5 U	5 U	5 U	5 U
2-Chlorotoluene	NA	5 U	5 U	5 U	5 U
4-Chlorotoluene	NA	5 U	5 U	5 U	5 U
1,3-Dichloropropane	NA	5 U	5 U	5 U	5 U
2,2-Dichloropropane	NA	5 U	5 U	5 U	5 U
1,1-Dichloropropene	NA	5 U	5 U	5 U	5 U
Total Aggregate:	520	5	330 J	9	11 J

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
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4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
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Sample Locations

Compounds	OBG-66	OBG-67	OBG-68	OBG-69	OBG-70
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 UJ	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	4 J	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

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Sample Locations

Compounds	OBG-66	OBG-67	OBG-68	OBG-69	OBG-70
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	10 U	10 U	10 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	26	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5 U	5 U	2 J	5 U	5 U
n-Propylbenzene	5 U	5 U	3 J	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	27	5 U	5 U
p-Cymene	5 U	5 U	7	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	63	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	73	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	0	0	210	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	OBG-71	OBG-72BS	OBG-72BI	OBG-73BS	OBG-73BI
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	1 J	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	OBG-71	OBG-72BS	OBG-72BI	OBG-73BS	OBG-73BI
Trichloroethene	5 U	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	0	1 J	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	OBG-74BS	OBG-74BI	OBG-75BS	OBG-75BI	OBG-76
Benzene	11	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 UJ	5 U	5 UJ	5 UJ	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	7	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	3 J
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	OBG-74BS	OBG-74BI	OBG-75BS	OBG-75BI	OBG-76
Trichloroethene	5 U	5 U	5 U	5 U	30
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	11	0	7	0	33

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Sample Locations

Compounds	OBG-87 (OBG-76 Dup)	OBG-77	OBG-78	OBG-79	OBG-80
Benzene	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	5 U	5 U	5 U	5 U	5 U
Bromoform	5 U	5 U	5 U	5 U	5 U
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5 U	5 U	5 U	5 U	5 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	10 U
Chloroform	5 U	5 U	5 U	5 U	5 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	3 J	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5 U	5 U	5 U	5 U	5 U
Styrene	5 U	5 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U
Toluene	5 U	5 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	OBG-87 (OBG-76 Dup)	OBG-77	OBG-78	OBG-79	OBG-80
Trichloroethene	29	5 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichloropropane	10 U	5 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
Xylenes, Total	5 U	5 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5 U	5 U	5 U	5 U	5 U
n-Propylbenzene	5 U	5 U	5 U	5 U	5 U
t-Butylbenzene	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
p-Cymene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	5 U	5 U	5 U	5 U
n-Butylbenzene	5 U	5 U	5 U	5 U	5 U
Hexachlorobutadiene	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	5 U
Naphthalene	5 U	5 U	5 U	5 U	5 U
Bromobenzene	5 U	5 U	5 U	5 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	5 U
Total Aggregate:	32	0	0	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
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Compounds	Sample Locations				
	OBG-81	OBG-82	OBG-88 (OBG-82 Dup.)	OBG-83	OBG-84
Benzene	5 U	120 U	120 U	5 U	5 U
Bromodichloromethane	5 U	120 U	120 U	5 U	5 U
Bromoform	5 U	120 UJ	120 U	5 UJ	5 U
Bromomethane	10 U	250 U	250 U	10 U	10 U
Carbon Tetrachloride	5 U	120 U	120 U	5 U	5 U
Chlorobenzene	5 U	120 U	120 U	5 U	5 U
Chloroethane	10 U	250 U	250 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	250 U	250 U	10 U	10 U
Chloroform	5 U	120 U	120 U	5 U	5 U
Chloromethane	10 U	250 U	250 U	10 U	10 U
Dibromochloromethane	5 U	120 U	120 U	5 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	120 U	120 U	5 U	5 U
1,2-Dibromoethane	5 U	120 U	120 U	5 U	5 U
Dibromomethane	5 U	120 U	120 U	5 U	5 U
Dichlorodifluoromethane	10 U	250 U	250 U	10 U	10 U
1,1-Dichloroethane	5 U	120 U	120 U	5 U	5 U
1,2-Dichloroethane	5 U	120 U	120 U	5 U	5 U
1,1-Dichloroethene	5 U	120 U	120 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	120 U	120 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	300	300	5 U	5 U
1,2-Dichloropropane	5 U	120 U	120 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	120 U	120 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	120 U	120 U	5 U	5 U
Ethylbenzene	5 U	120 U	120 U	5 U	5 U
Methylene Chloride	5 U	120 U	120 U	5 U	5 U
Styrene	5 U	120 U	120 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	120 U	120 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	120 U	120 U	5 U	5 U
Tetrachloroethene	5 U	120 U	120 U	5 U	5 U
Toluene	5 U	120 U	120 U	5 U	5 U
1,1,1-Trichloroethane	5 U	120 U	120 U	5 U	5 U
1,1,2-Trichloroethane	5 U	120 U	120 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

OBG-88

Compounds	OBG-81	OBG-82	(OBG-82 Dup.)	OBG-83	OBG-84
Trichloroethene	5 U	4,000	4,100	5 U	5 U
Trichlorofluoromethane	5 U	120 U	120 U	5 U	5 U
1,2,3-Trichloropropane	10 U	250 U	250 U	5 U	5 U
Vinyl Chloride	10 U	250 U	250 UJ	10 U	10 U
1,3-Dichlorobenzene	10 U	250 U	250 U	10 U	10 U
1,2-Dichlorobenzene	10 U	250 U	250 U	10 U	10 U
1,4-Dichlorobenzene	10 U	250 U	250 U	10 U	10 U
Xylenes, Total	5 U	120 U	120 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	120 U	120 U	5 U	5 U
Isopropylbenzene	5 U	120 U	120 U	5 U	5 U
n-Propylbenzene	5 U	120 U	120 U	5 U	5 U
t-Butylbenzene	5 U	120 U	120 U	5 U	5 U
sec-Butylbenzene	5 U	120 U	120 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	120 U	120 U	5 U	5 U
p-Cymene	5 U	120 U	120 U	5 U	5 U
1,2,4-Trimethylbenzene	5 U	120 U	120 U	5 U	5 U
n-Butylbenzene	5 U	120 U	120 U	5 U	5 U
Hexachlorobutadiene	5 U	120 U	120 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	120 U	120 U	5 U	5 U
Naphthalene	5 U	120 U	120 U	5 U	5 U
Bromobenzene	5 U	120 U	120 U	5 U	5 U
Bromochloromethane	5 U	120 U	120 U	5 U	5 U
2-Chlorotoluene	5 U	120 U	120 U	5 U	5 U
4-Chlorotoluene	5 U	120 U	120 U	5 U	5 U
1,3-Dichloropropane	5 U	120 U	120 U	5 U	5 U
2,2-Dichloropropane	5 U	120 U	120 U	5 U	5 U
1,1-Dichloropropene	5 U	120 U	120 U	5 U	5 U
Total Aggregate:	0	4,300	4,400	0	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Fort Edward, New York

Sample Locations

Compounds	OBG-85	FM-1	FM-2	FM-5	FM-6
Benzene	5 U	10 U	5 U	5 U	5 U
Bromodichloromethane	5 U	10 U	5 U	5 U	5 U
Bromoform	5 U	10 U	5 UJ	5 UJ	5 UJ
Bromomethane	10 U	20 U	10 U	10 U	10 U
Carbon Tetrachloride	5 U	10 U	5 UJ	5 U	5 UJ
Chlorobenzene	5 U	10 U	5 U	5 U	5 U
Chloroethane	10 U	20 U	10 U	10 U	10 U
2-Chloroethyl vinyl ether	10 U	20 U	10 U	10 U	10 U
Chloroform	5 U	10 U	5 U	5 U	5 U
Chloromethane	10 U	20 U	10 U	10 U	10 U
Dibromochloromethane	5 U	10 U	5 U	5 U	5 U
1,2-Dibromo-3-Chloropropan	5 U	10 U	5 U	5 U	5 U
1,2-Dibromoethane	5 U	10 U	5 U	5 U	5 U
Dibromomethane	5 U	10 U	5 U	5 U	5 U
Dichlorodifluoromethane	10 U	20 U	10 U	10 U	10 U
1,1-Dichloroethane	5 U	10 U	5 U	5 U	5 U
1,2-Dichloroethane	5 U	10 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	10 U	5 U	5 U	5 U
trans-1,2 Dichloroethene	5 U	10 U	5 U	5 U	5 U
cis-1,2 Dichloroethene	5 U	10 U	5 U	5 U	5 U
1,2-Dichloropropane	5 U	10 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5 U	10 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5 U	10 U	5 U	5 U	5 U
Ethylbenzene	5 U	10 U	5 U	10 N	5 U
Methylene Chloride	7 U	18 U	5 U	5 U	5 U
Styrene	5 U	10 U	5 U	5 U	5 U
1,1,1,2-Tetrachloroethane	5 U	10 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5 U	10 U	5 U	5 U	5 U
Tetrachloroethene	5 U	10 U	5 U	5 U	5 U
Toluene	5 U	10 U	5 U	5 U	5 U
1,1,1-Trichloroethane	5 U	10 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5 U	10 U	5 U	5 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.
5. "N" indicates that the compound should be considered tentatively identified.

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Sample Locations

Compounds	OBG-85	FM-1	FM-2	FM-5	FM-6
Trichloroethene	5 U	10 U	5 U	5 U	5 U
Trichlorofluoromethane	5 U	10 U	5 U	5 U	5 U
1,2,3-Trichloropropane	5 U	10 U	5 U	5 U	5 U
Vinyl Chloride	10 U	20 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	20 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	20 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	20 U	10 U	10 U	10 U
Xylenes, Total	5 U	10 U	5 U	5 U	5 U
1,2,3-Trichlorobenzene	5 U	10 U	5 U	5 U	5 U
Isopropylbenzene	5 U	10 U	5 U	11	5 U
n-Propylbenzene	5 U	10 U	5 U	25	5 U
t-Butylbenzene	5 U	10 U	5 U	5 U	5 U
sec-Butylbenzene	5 U	10 U	5 U	5 U	5 U
1,3,5-Trimethylbenzene	5 U	10 U	5 U	5 U	5 U
p-Cymene	5 U	10 U	5 U	28	5 U
1,2,4-Trimethylbenzene	5 U	10 U	5 U	5 U	5 U
n-Butylbenzene	5 U	10 U	5 U	41	5 U
Hexachlorobutadiene	5 U	10 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5 U	10 U	5 U	5 U	5 U
Naphthalene	5 U	190	5 U	110	5 U
Bromobenzene	5 U	10 U	5 U	5 U	5 U
Bromochloromethane	5 U	10 U	5 U	5 U	5 U
2-Chlorotoluene	5 U	10 U	5 U	5 U	5 U
4-Chlorotoluene	5 U	10 U	5 U	5 U	5 U
1,3-Dichloropropane	5 U	10 U	5 U	5 U	5 U
2,2-Dichloropropane	5 U	10 U	5 U	5 U	5 U
1,1-Dichloropropene	5 U	10 U	5 U	5 U	5 U
Total Aggregate:	0	190	0	225	0

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.
7. "N" indicates that the compound should be considered tentatively identified.

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Sample Locations

Compounds	FM-7	FM-8	FM-9	FM-10	FM-11	FM-12
Benzene	5 U	5 U	5 U	5 U	25 U	5 U
Bromodichloromethane	5 U	3 J	5 U	5 U	25 U	5 U
Bromoform	5 UJ	5 UJ	5 U	5 UJ	25 U	5 UJ
Bromomethane	10 U	10 U	10 U	10 U	50 U	10 U
Carbon Tetrachloride	5 UJ	5 U	5 U	5 UJ	25 U	5 UJ
Chlorobenzene	5 U	5 U	5 U	5 U	25 U	5 U
Chloroethane	10 U	10 U	200	10 U	50 U	10 U
2-Chloroethyl vinyl ether	10 U	10 U	10 U	10 U	50 U	10 U
Chloroform	5 U	29	5 U	5 U	25 U	1 J
Chloromethane	10 U	10 U	10 U	10 U	50 U	10 U
Dibromochloromethane	5 U	5 U	5 U	5 U	25 U	5 U
1,2-Dibromo-3-Chloropropane	5 U	5 U	5 U	5 U	25 U	5 U
1,2-Dibromoethane	5 U	5 U	5 U	5 U	25 U	5 U
Dibromomethane	5 U	5 U	5 U	5 U	25 U	5 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	50 U	10 U
1,1-Dichloroethane	5 U	5 U	16	5 U	940	5 U
1,2-Dichloroethane	5 U	5 U	5 U	5 U	25 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	25 U	5 U
trans-1,2 Dichloroethene	5 U	5 U	5 U	5 U	25 U	5 U
cis-1,2 Dichloroethene	5 U	5 U	5 U	5 U	91	5 U
1,2-Dichloropropane	5 U	5 U	5 U	5 U	25 U	5 U
cis-1,3-Dichloropropene	5 U	5 U	5 U	5 U	25 U	5 U
trans-1,3-Dichloropropene	5 U	5 U	5 U	5 U	25 U	5 U
Ethylbenzene	5 U	5 U	5 U	5 U	25 U	5 U
Methylene Chloride	5 U	5 U	9 U	5 U	25 U	5 U
Styrene	5 U	5 U	5 U	5 U	25 U	5 U
1,1,1,2-Tetrachloroethane	5 U	5 U	5 U	5 U	25 U	5 U
1,1,2,2-Tetrachloroethane	5 U	5 U	5 U	5 U	25 U	5 U
Tetrachloroethene	5 U	5 U	5 U	5 U	25 U	5 U
Toluene	5 U	5 U	5 U	5 U	25 U	5 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	490	5 U
1,1,2-Trichloroethane	5 U	5 U	5 U	5 U	25 U	5 U

Notes:

1. All units in ug/L (ppb).
2. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
3. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
4. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	FM-7	FM-8	FM-9	FM-10	FM-11	FM-12
Trichloroethene	5 U	5 U	5 U	5 U	25 U	5 U
Trichlorofluoromethane	5 U	5 U	5 U	5 U	25 U	5 U
1,2,3-Trichloropropane	5 U	5 U	5 U	5 U	25 U	5 U
Vinyl Chloride	10 U	10 U	10 U	10 U	50 U	10 U
1,3-Dichlorobenzene	10 U	10 U	13	10 U	50 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	50 U	10 U
1,4-Dichlorobenzene	10 U	10 U	26	10 U	50 U	10 U
Xylenes, Total	5 U	5 U	9	5 U	66	5 U
1,2,3-Trichlorobenzene	5 U	5 U	5 U	5 U	25 U	5 U
Isopropylbenzene	1 J	5 U	5 U	12	25 U	1 J
n-Propylbenzene	3 J	5 U	5 U	24	25 U	3 J
t-Butylbenzene	5 U	5 U	5 U	5 U	25 U	5 U
sec-Butylbenzene	5 U	5 U	5 U	5 U	25 U	5 U
1,3,5-Trimethylbenzene	5 U	5 U	19	5 U	30	5 U
p-Cymene	5 U	5 U	13	38	25 U	2 J
1,2,4-Trimethylbenzene	5 U	5 U	68	5 U	72	5 U
n-Butylbenzene	5 U	5 U	5 U	50	25 U	6
Hexachlorobutadiene	5 U	5 U	5 U	5 U	25 U	5 U
1,2,4-Trichlorobenzene	5 U	5 U	5 U	5 U	25 U	5 U
Naphthalene	59	6	28	89	83	62
Bromobenzene	5 U	5 U	5 U	5 U	25 U	5 U
Bromochloromethane	5 U	5 U	5 U	5 U	25 U	5 U
2-Chlorotoluene	5 U	5 U	5 U	5 U	25 U	5 U
4-Chlorotoluene	5 U	5 U	5 U	5 U	25 U	5 U
1,3-Dichloropropane	5 U	5 U	5 U	5 U	25 U	5 U
2,2-Dichloropropane	5 U	5 U	5 U	5 U	25 U	5 U
1,1-Dichloropropene	5 U	5 U	5 U	5 U	25 U	5 U
Total Aggregate:	63	38	401	213	1,772	75

Notes:

1. All units in ug/L (ppb).
2. Volatile organic compounds quantitated using EPA Method 624. The extended list of compound includes additional EPA SW-846 Method 8021 constituents.
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was not detected at the sample-specific reporting limit shown.
5. "UJ" indicates that the sample-specific reporting limit of the analyte should be considered approximate.
6. "J" indicates that the concentration should be considered approximate due to an excursion from the validation criteria.

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Sample Locations

Compounds	GM-2	GM-3	GM-4	GM-5	GM-6
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.091	0.065 U	0.065 U	6.4	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	1.6	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-7	GM-9	GM-9D	GM-10	GM-11
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.214	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.078
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-45				
	GM-12A	(GM-12A Dup)	GM-12B	GM-12C	GM-12D
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	15	14	14	11	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-14	GM-15	GM-16	GM-17	GM-18
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-19	GM-21	GM-22	GM-23	GM-24
Aroclor-1016	0.065 U	0.325 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.80 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.325 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	30	0.172	0.065 U	1.7
Aroclor-1248	0.065 U	0.325 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.325 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.325 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Compounds	GM-25	GM-26D	GM-28	GM-29	GM-30
Aroclor-1016	3.25 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	8.0 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	3.25 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	77	0.065 U	0.940	0.065 U	0.283
Aroclor-1248	3.25 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	3.25 U	0.065 U	0.380	0.093	0.065 U
Aroclor-1260	3.25 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-31	GM-32	GM-33	GM-34	GM-35
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	1.1	1.5	0.065 U	0.173
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Compounds	GM-36	GM-37	GM-38	GM-39	GM-40D
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	F-2	F-3	F-4	SW-1	SW-2
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	9.4	0.129	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Compounds	Sample Locations				
	SW-3	GM-46 (SW-3 Dup)	SW-4	SW-5	SW-6
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.36	0.34	0.9	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	Hillman	Dobroski	Hughes	Spring #1	Spring #3
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Compounds	Griffin Ave. Spring	Hillview Ave. Spring	OBG-1A	GM-47 (OBG-1A Dup)	OBG-8B
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.65 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	1.6 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.65 U
Aroclor-1242	0.065 U	0.065 U	4.0	4.8	16
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.65 U
Aroclor-1254	0.065 U	0.065 U	0.386	0.447	0.65 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.65 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Compounds	Sample Locations				
	GM-48 (OBG-8B Dup)	OBG-15BS	OBG-15BD	OBG-26BD	OBG-26T
Aroclor-1016	3.25 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	8 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	3.25 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	28	0.065 U	0.065 U	0.065 U	0.19
Aroclor-1248	3.25 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	3.25 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	3.25 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-42S	OBG-42BD	OBG-43BS	OBG-43BD	OBG-44BS
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-44BD	OBG-45S	OBG-45BS	OBG-46BS	OBG-46BI
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.068	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Compounds	Sample Locations				
	OBG-49 (OBG-46BI Dup)	OBG-46BD	OBG-47BS	OBG-49BS	OBG-49BD
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-50	OBG-51	OBG-52	OBG-53	OBG-54
Aroclor-1016	0.33 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.80 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.33 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	40	3.4	0.17	0.28	0.52
Aroclor-1248	0.33 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	5.1	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.33 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-55	OBG-56	OBG-57	Rencor #2	OBG-58
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.305	0.065 U	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.165	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-59	OBG-60	OBG-61	OBG-62	OBG-63
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.065 U	0.065 U	11
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	1.2
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-64	OBG-65	OBG-66	OBG-67	OBG-68
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	3.8	2.4	4.5	0.065 U	0.14
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.23	0.11	0.40	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-69	OBG-70	OBG-71	OBG-72BS	OBG-72BI	OBG-73BS
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.065 U	0.065 U	0.037 J	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-73BI	OBG-74BS	OBG-74BI	OBG-75BS	OBG-75BI
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	0.065 U	0.21	0.065 U
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-76	OBG-87 (OBG-76 Dup)	OBG-77	OBG-78	OBG-79
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.39	0.38	0.065 U	0.065 U	0.055 J
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	OBG-80	OBG-81	OBG-82	OBG-88 (OBG-82 Dup)	OBG-83
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	0.065 U	0.065 U	3.5	4.3	0.059 J
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	0.065 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Compounds	Sample Locations				
	OBG-84	OBG-85	FM-1	FM-2	FM-5 (Water)
Aroclor-1016	0.065 U	0.065 U	0.065 U	0.065 U	6.5 U
Aroclor-1221	0.16 U	0.16 U	0.16 U	0.16 U	16 U
Aroclor-1232	0.065 U	0.065 U	0.065 U	0.065 U	6.5 U
Aroclor-1242	0.065 U	0.065 U	2.5	0.47	29
Aroclor-1248	0.065 U	0.065 U	0.065 U	0.065 U	6.5 U
Aroclor-1254	0.065 U	0.065 U	1.6	0.080	6.5 U
Aroclor-1260	0.065 U	0.065 U	0.065 U	0.065 U	6.5 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Compounds	FM-5 (Product)	Sample Locations			
		FM-6	FM-7	FM-8	FM-9
Aroclor-1016	500 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1221	500 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor-1232	500 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1242	4,400	9.6	0.82	0.44	2.4
Aroclor-1248	500 U	0.065 U	0.065 U	0.065 U	0.065 U
Aroclor-1254	1,700	0.065 U	0.30	0.064 J	0.23
Aroclor-1260	500 U	0.065 U	0.065 U	0.065 U	0.650 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	FM-10	FM-1	FM-12 (Water)	FM-12 (Product)
Aroclor-1016	3.3 U	0.065 U	0.65 U	5,000 U
Aroclor-1221	8.0 U	0.16 U	1.6 U	5,000 U
Aroclor-1232	3.3 U	0.065 U	0.65 U	5,000 U
Aroclor-1242	310	0.19	95	220,000
Aroclor-1248	3.3 U	0.065 U	0.65 U	5,000 U
Aroclor-1254	3.3 U	0.074	3.6	8,000
Aroclor-1260	3.3 U	0.065 U	0.65 U	5,000 U

Notes:

1. All units in ug/L (ppb).
2. PCBs quantitated using EPA Method 608-modified
3. All analyses performed by Adirondack Environmental Services, Inc.
4. "U" indicates that the analyte was analyzed for, but was not detected at or above the practical quantitation limit shown.
5. "J" indicates that this concentration should be considered approximate because the reported concentration is less than the practical quantitation limit.

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Sample Locations

Compounds	GM-4	GM-5	OBG-1A
Phenol	10 U	10 U	10 U
bis(2-Chloroethyl) Ether	10 U	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U
N-Nitrosodimethylamine	10 U	10 U	10 U
2,2-oxybis(1-Chloropropane)	10 U	10 U	10 U
N-Nitroso-Di-n-propylamine	10 U	10 U	10 U
Hexachloroethane	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U
2-Nitrophenol	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U
bis(2-Chloroethoxy)Methane	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U
Naphthalene	10 U	54	10 U
Hexachlorobutadiene	10 U	10 U	10 U
4-Chloro-3-methylphenol	10 U	10 U	10 U
2-Methylnaphthalene	10 U	65	10 U
Hexachlorocyclopentadiene	10 U	10 U	10 U
2,4,6-Trichlorophenol	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U
Dimethyl Phthalate	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U
Acenaphthene	10 U	10 U	10 U
4-Nitrophenol	50 U	50 U	50 U
2,4-Dinitrotoluene	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U
Diethylphthalate	10 U	10 U	10 U
4-Chlorophenyl-phenylether	10 U	10 U	10 U

Notes:

1. All units in ug/L (ppb).
2. Semi-volatile organic compounds quantitated using EPA Method 625.
3. All analyses performed by Adirondack Environmental Services, Inc.

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Sample Locations

Compounds	GM-4	GM-5	OBG-1A
Fluorene	10 U	10 U	10 U
4,6-Dinitro-2-methylphenol	50 U	50 U	50 U
N-Nitrosodiphenylamine	10 U	10 U	10 U
Azobenzene	10 U	10 U	10 U
4-Bromophenyl-phenylether	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U
Pentachlorophenol	50 U	50 U	50 U
Phenanthrene	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U
Di-n-Butylphthalate	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U
Butylbenzylphthalate	10 U	10 U	10 U
3,3-Dichlorobenzidine	20 U	20 U	20 U
Benzo(a)Anthracene	10 U	10 U	10 U
Bis(2-Ethylhexy)Phthalate	10 U	10 U	10 U
Chrysene	10 U	10 U	10 U
Di-n-octyl phthalate	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U
Benzo(a)Pyrene	10 U	10 U	10 U
Indeno(1,2,3-cd)Pyrene	10 U	10 U	10 U
Dibenzo(a,h)Anthracene	10 U	10 U	10 U
Benzo(g,h,i)Perylene	10 U	10 U	10 U
Benidine	80 U	80 U	80 U
2,4-Dinitrophenol	50 U	50 U	50 U
Total Aggregate:	0	119	0

Notes:

1. All units in ug/L (ppb).
2. Semi-volatile organic compounds quantitated using EPA Method 625.
3. All analyses performed by Adirondack Environmental Services, Inc.

APPENDIX I

Data Validation Reports

APPENDIX I-1

**Data Validation Report for Soil Samples
August 29 to September 6, 1995**

Appendix I-1

Fort Edward RI/FS Data Validation Report

*General Electric Company
Transmission Systems
Fort Edward, New York*

January 1997



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Executive summary

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study at the General Electric Company, Fort Edward facility. Sample collection activities were conducted from August 29 to September 6, 1995.

Samples collected for this investigation were analyzed for volatiles, semivolatiles, polychlorinated biphenyls (PCBs), and kerosene. Sample analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York. The analyses were performed in accordance with the protocols specified the New York Department of Environmental Conservation Analytical Services Protocol Methods 8240 (with 8021 constituents), 8270, 8080, and modified 8015 and the Quality Assurance Project Plan developed for this investigation. The analytical data were evaluated based on guidance criteria established by United States Environmental Protection Agency Region II and the analytical methods.

Overall, 98.1 percent of the analytical data were determined to be usable for quantitative and qualitative purposes. For the volatile data, 1.9 percent were determined to be unusable due to calibration criteria deviations; 2.6 percent were qualified as approximate due to calibration criteria deviations; 0.5 percent were qualified as approximate due to laboratory control sample recovery excursions; 0.05 percent were qualified as approximate due to matrix spike/matrix spike duplicate recovery excursions; 0.05 percent were qualified as approximate due to field duplicate excursions; 0.3 percent were qualified due to blank contamination; 0.05 percent were qualified due to compound identification excursions. For the semivolatile data, 3.4 percent were qualified as approximate due to matrix spike blank excursions. The PCB data were determined to be usable. Approximately 4% of PCB data were qualified based on equipment blank results. The kerosene data were determined usable and none of the results were qualified.

1. Introduction

This report addresses data quality for soil samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS) at the General Electric Company (GE) Fort Edward facility. Sample collection activities were conducted from August 29 to September 6, 1995. The matrix, collection date, collection depth in feet (ft) and identification numbers of the samples that were submitted for data validation are presented in Table 1-1.

Table 1-1. *Sample cross reference list*

Sample Matrix	Collection Date	Client Identification	Project ID	Laboratory Identification
Soil	8/29/95	SB37 S-1 (3-5 ft)	950830	K01
		SB38 S-4 (2-3 ft)		K02
		SB38 S-6 (4-5 ft)		K03
		SB39 S-1 (2-4 ft)		K04
		SB39 S-2 (4-6 ft)		K05
Soil	8/30/95	SB40 S-2 (1.5-2.5 ft)	950831	F01
		SB40 S-5 (5-6 ft)		F02
		SB41 S-9 (9-11 ft)		F03
Soil	8/31/95	OBG54 S-2 (2-4 ft)	950901	B01
		OBG54 S-4 (6-8 ft)		B02
		SB50 S-2 (2-4 ft)		B03
		SB50 S-3 (4-6 ft)		B04
		OBG55 S-3 (4-6 ft)		B05
		OBG55 S-6 (10-12 ft)		B06
		X-1		B09
		Equipment Blank		B07
		Trip Blank		B10
Soil	9/1/95	Kerosene Standard	950905	B08
		OBG52 S-2 (2-4 ft)		B01
		OBG52 S-5 (8-10 ft)		B02
		SB49 S-4 (5-6 ft)		B03
		SB49 S-6 (8-9.4 ft)		B04

Table 1-1. *Sample cross reference list*

Sample Matrix	Collection Date	Client Identification	Project ID	Laboratory Identification
Soil	9/5/95	SB42 S-2 (2-4 ft)	950906	X01
		SB47 S-2 (4-5 ft)		X02
		SB47 S-3 (5-6 ft)		X03
		SB48 S-3 (4-5 ft)		X04
		Equipment Blank		X05
Soil	9/5/95	OBG53 S-3 (4-6 ft)	950907	K04
		OBG53 S-4 (5.9-6.1 ft)		K05
Soil	9/5/95	OBG51 S-5b (7-8 ft)	950907	K07
		X-2		K08
		OBG51 S-2 (3-4 ft)		K09
		Equipment Blank		K10
		Trip Blank		K11
Soil	9/6/95	OBG50 S-3 (4-6 ft)	950907	K01
		OBG50 S-5b (8.5-10 ft)		K02
		SB43 S-4 (5-6 ft)		K03
Soil	9/6/95	OBG51 S-4 (5-6 ft)	950907	K06

1.1. General considerations

Validation is a process of determining the suitability of a measurement system for providing useful analytical data. Although the term is frequently used in discussing methodologies, it applies to all aspects of the system and especially to samples, their measurement, and the actual data output. Accordingly, this report outlines excursions from the applicable quality control criteria outlined in the following document:

- *Contract Laboratory Program (CLP) Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, United States Environmental Protection Agency (USEPA) Region II, January 1992.

The amended laboratory data sheets resulting from this validation are presented in Appendix J.

1.2. Analytical methods

Soil samples were analyzed for volatiles, semivolatiles, polychlorinated biphenyls (PCBs), and kerosene in accordance with the method protocols specified by USEPA Methods 8240 (with 8021 constituents), 8270, 8080, and modified 8015¹, the quality control protocols specified by the New York State Department of Environmental Conservation Analytical Services Protocol September 1989 with 12/91 Revisions², and the Quality Assurance Project Plan (QAPP)³ developed for this investigation. Laboratory analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York.

The following sections of this document address distinct aspects of the validation process. Chapter 2 lists the data quality assurance/quality control (QA/QC) protocols used to validate the sample data. Specific QA/QC deviations and qualifications performed on the sample data are discussed in Chapter 3. Data completeness and usability are discussed in Chapter 4.

The amended laboratory data sheets resulting from this validation are presented in Appendix J.

¹ USEPA. 1992. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*, 3rd Edition. Washington DC: USEPA.

² *Exhibit E of New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP)*, NYSDEC September 1989, 12/91 Revisions.

³ *Quality Assurance Project Plan (QAPP) for the Remedial Investigation/Feasibility Study*, General Electric Company, Fort Edward, New York, O'Brien & Gere Engineers, Inc. July 1995, Revised August, 1995.

2. Data validation protocols

The validation of volatile, semivolatile, PCB, and kerosene analyses for this project followed the requirements presented in the analytical methodology, the QAPP written for this project, and the data validation guidelines. Qualification of sample data was based on the validation guidelines presented in *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992. The following QA/QC parameters were evaluated for organics analyses:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis
4. Matrix Spike Blank (MSB) Analyses
5. Blank Analysis
6. Gas Chromatograph (GC) Performance or Gas Chromatograph/Mass Spectrometry (GC/MS) Tuning Criteria
7. Target Compound List Analytes
8. Tentatively Identified Compounds (TICs)
9. Compound Quantitation and Reported Detection Limits
10. Initial Calibration
11. Continuing Calibration
12. Internal Standard Recovery, if applicable
13. Laboratory Control Sample (LCS) Analysis
14. Field Duplicate Analysis
15. System Performance
16. Documentation Completeness

The following qualifiers have been used in this data validation:

- R Indicates that the reporting limit or sample result has been determined to be unusable due to a major deficiency in the data generation process. The data should not be used for any qualitative or quantitative purposes.

- U Indicates that the analyte was analyzed for, but was not detected. The sample-specific reporting limit is presented and adjusted for dilution, as appropriate. This qualifier is also used to signify that the detection limit of an analyte was raised due to blank contamination.
- J Indicates that the concentration should be considered approximate. This qualifier indicates that the data validation process identifies a deficiency in the data generation process. This qualifier is also used when the reported concentration is less than the practical quantitation limit (PQL) or reporting limit.
- UJ Indicates that the sample-specific reporting limit for the analyte in this sample should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.

3. Data quality evaluation

This section summarizes the QA/QC parameters, validation criteria, and qualification of sample data which occurred when the QA/QC parameters specified did not meet criteria. Samples that required qualification are identified in the following sections by the description documented on the sample chain of custody records. QA/QC excursions which did not result in qualification of sample data are not discussed. One qualifier was used for an individual sample result. When the data validation process identified several QC deficiencies, the cumulative effect of the various deviations were employed in assigning the final data qualifier.

3.1. Volatile analysis

The QA/QC parameters presented in Chapter 2 for volatile organics were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

- Holding Times and Preservation
- GC/MS Tuning Criteria
- MSB Analysis
- TICs
- Reported Detection Limits
- Internal Standard Recovery
- System Performance
- Documentation Completeness

3.1.1. Blank analysis

Several blanks contained detected concentrations of volatile compounds. Blank action levels were calculated at ten times the blank concentrations for methylene chloride and five times the blank concentration for chloroform and TICs. Detected sample results which were less than the blank action levels for the compounds detected in the blank samples were qualified with a "U" in the associated samples. Detected TIC results that were less than the blank action levels were determined to be unusable. Samples qualified for blank contamination are presented in Table 3-1.

Table 3-1. *Blank analysis deviations*

Blank ID	Volatile Organic	Blank Concentration	Affected Samples	Action
Equipment blank collected 8/31/95	chloroform	1 ug/L	OBG52 S-2 SB49 S-4	7U 5U
Equipment blank collected 9/5/95	methylene chloride	6 ug/L	OBG51 S-4	710U
Method blank analyzed 9/7/95	methylene chloride	5 ug/Kg	OBG54 S-4 OBG55 S-6 SB50 S-3	7U 9U 6U
Method blank analyzed 9/8/95	TIC at 19.93 retention time	5 ug/Kg	OBG52 S-5	R
Method blank analyzed 9/13/95	TICs at 22.68, 23.65, 23.81, 24.34, 24.59 retention times	10 to 20 ug/Kg	OBG51 S-5BRE	R

3.1.2. Surrogate recovery

Surrogate recoveries in samples SB47 S-3 and OBG51 S-5b were above the laboratory's acceptable limits and the samples were reanalyzed. The surrogate recoveries in the reanalysis of these samples were also above the QC limits, and compounds were not detected; therefore, qualification of sample results was not required. The reanalysis of samples SB47 S-3 and OBG51 S-5b were included in the report.

3.1.3. Initial calibration criteria

The percent relative standard deviation (%RSD) limits along with the response factor (RF) criteria, as listed in the method, were exceeded for several compounds in initial calibrations and qualified based on the USEPA Region II guidelines. The results for bromomethane and 1,1,2,2-tetrachloroethene and in several samples were determined to be unusable due to initial calibration RF excursions. The sample results qualified as a result of initial calibration excursions are presented in Table 3-2.

Table 3-2. Initial calibration deviations

Date Analyzed	Volatile Organic	Excursion	Affected Samples	Action
9/6/95	bromomethane	30.5 %RSD	SB49 S-6 X-1	UJ
9/6/95	1,1,2,2-tetrachloroethene	0.391 RF	SB49 S-6 X-1	R
9/1/95	Styrene	22.5 %RSD	SB37 S-1 SB38 S-4 SB39 S-1 SB39 S-2 SB40 S-5 SB41 S-9 OBG54 S-2 OBG52 S-2 SB38 S-6 SB40 S-2 SB49 S-4 SB50 S-2 OBG54 S-4 OBG55 S-6 SB50 S-3 OBG52 S-5 OBG55 S-3	UJ
9/1/95	Styrene	22.5 %RSD	OBG50 S-5b OBG51 S-2 OBG53 S-3 SB42 S-2 SB47 S-2 SB48 S-3 X-2 SB47 S-3RE OBG53 S-4 OBG51 S-5bRE	UJ

Table 3-2. Initial calibration deviations

Date Analyzed	Volatile Organic	Excursion	Affected Samples	Action
9/1/95	bromomethane	0.086 RF	SB37 S-1 SB38 S-4 SB39 S-1 SB39 S-2 SB40 S-5 SB41 S-9 OBG54 S-2 OBG52 S-2 SB38 S-6 SB40 S-2 SB49 S-4 SB50 S-2 OBG54 S-4 OBG55 S-6 SB50 S-3 OBG52 S-5 OBG55 S-3	R
9/1/95	bromomethane	0.086 RF	OBG50 S-5b OBG51 S-2 OBG53 S-3 SB42 S-2 SB47 S-2 SB48 S-3 X-2 SB47 S-3RE OBG53 S-4 OBG51 S-5bRE	R
9/11/95	bromomethane	26.4 %RSD	OBG51 S-4 OBG50 S-3 SB43 S-4	UJ
9/11/95	1,1,2,2-tetrachloroethane	0.376 RF	OBG51 S-4 OBG50 S-3 SB43 S-4	R

3.1.4. Continuing calibration criteria

The continuing calibration RF criteria and the percent difference (%D) limit as listed in the method, were exceeded for several compounds and qualified based on the USEPA Region II guidelines. The results for 1,2-dibromo-3-chloropropane, hexachlorobutadiene, naphthalene, and 1,2,3-trichlorobenzene in several samples were determined to be unusable due to continuing calibration RF excursions. In several cases, compounds previously qualified as approximate due to initial calibration excursions were determined to be unusable due to continuing calibration RF excursions. The sample results qualified as a result of continuing calibration excursions are presented in Table 3-3.

Table 3-3. Continuing calibration deviations

Date Analyzed	Volatile Organic	Excursions	Affected Samples	Action
9/5/95	vinyl chloride	29.7 %D	OBG54 S-2 OBG52 S-2 SB38 S-6 SB40 S-2 SB49 S-4 SB50 S-2	UJ
9/5/95	bromomethane	0.086 RF	OBG54 S-2 OBG52 S-2 SB38 S-6 SB40 S-2 SB49 S-4 SB50 S-2	R
9/8/95	vinyl chloride	29.7 %D	OBG52 S-5 OBG55 S-3	UJ
9/11/95	1,1,2,2-tetrachloroethane	41.8 %D	OBG51 S-4	UJ
9/12/95	1,1,2,2-tetrachloroethane	28.9 %D	OBG50 S-5b OBG51 S-2 OBG53 S-3 SB42 S-2 SB47 S-2 SB48 S-3 X-2	UJ
9/13/95	vinyl chloride	27.1 %D	SB47 S-3RE OBG53 S-4 OBG51 S-5bRE	UJ

3.1.5. Laboratory control standard criteria

The percent recovery for several compounds exceeded the acceptable recovery limits. Compounds that exceeded that percent recovery limits were qualified as approximate in the associated samples. Sample results qualified as a result of LCS excursions are presented in Table 3-4.

Table 3-4. Laboratory control standard deviations

Date of LCS Analysis	Volatile Organic	Percent Recovery	Affected Samples	Action
9/5/95	acetone	48	OBG54 S-2	UJ
			OBG52 S-2	UJ
			SB38 S-6	J
			SB40 S-2	UJ
			SB49 S-4	UJ
			SB50 S-2	UJ
9/7/95	bromomethane	40	OBG54 S-4	UJ
			OBG55 S-6	
			SB50 S-3	
9/12/95	acetone	44	OBG51 S-4	UJ
	2-hexanone	51		
9/13/95	ethylbenzene	48	SB47 S-3RE	UJ
			OBG53 S-4	
			OBG51 S-5bRE	

3.1.6. Matrix spike/matrix spike duplicate criteria

The percent recovery for 1,1-dichloroethene in MS/MSD sample OBG51 S-4 was lower than the acceptable limits. The result for 1,1-dichloroethene in sample OBG51 S-4 was qualified as approximate due to the MS/MSD excursion.

3.1.7. Field duplicate analysis

The relative percent deviation (RPD) for several compounds exceeded the acceptable field duplicate limit of 100 RPD. Compound results qualified as approximate as a result of field duplicate excursions are presented in Table 3-5.

Table 3-5. Field duplicate deviations

Field Duplicate ID	Volatile Organic	Excursion	Affected Samples	Action
OBG55 S-3/X-1	naphthalene	184 RPD	OBG55 S-3	J
OBG51 S-4/X-2	naphthalene	153 RPD	OBG51 S-4	J

3.1.8. Target compound list analytes

The results for p-cymene in sample OBG52 S-5 was determined to be undetected due to an identification excursion.

3.1.9. Compound quantitation

Several low level soil samples were analyzed at less than 5 grams or were analyzed as medium level soils either in the initial analysis or as a secondary analysis, due to high concentrations of target compounds. Samples analyzed using dilutions are presented in Table 3-6. The results from the initial analysis of sample SB37 S-1 were reported, however the concentration of the target compounds that exceeded the calibration range were replaced with the concentrations from the dilution analysis. In the case of sample SB41 S-9, the medium level analysis was performed due to a high concentration of naphthalene. Since naphthalene was not detected in the medium level analysis, the initial concentration of naphthalene was reported and was qualified as approximate since it exceeded the upper limit of the calibration curve. The results from the secondary medium-level analyses were reported for samples OBG50 S-3 and SB43 S-4 and the concentration of the target compounds that exceeded the calibration range were replaced with the concentrations from the initial medium-level analyses.

Table 3-6. *Samples analyzed using dilutions*

Sample ID	Initial Analysis	Secondary Analysis	Reason For Dilution	Analysis Reported
SB37 S-1	low level soil at 1:5 dilution	analyzed as medium level soil	high concentration of target compounds	initial analysis
SB41 S-9	low level soil at 1:5 dilution	analyzed as medium level soil	high concentration of target compound	initial analysis
SB49 S-6	analyzed as medium level soil with a 1:2 dilution	NA	high concentration of target compound	initial analysis
X-1	analyzed as medium level soil	NA	high concentration of target compound	initial analysis
SB40 S-5	low level soil at 1:5 dilution	NA	high concentration of target compound	initial analysis
OBG55 S-3	low level soil at 1:1.6 dilution	NA	high concentration of target compound	initial analysis
OBG51 S-4	analyzed as medium level soil	NA	high concentration of target compound	initial analysis
OBG50 S-3	analyzed as medium level soil with a 1:2 dilution	analyzed as medium level soil (no dilution)	high concentration of target compound	secondary analysis
SB43 S-4	analyzed as medium level soil with a 1:4 dilution	analyzed as medium level soil at a 1:2 dilution	high concentration of target compound	secondary analysis
X-2	low level soil at 1:5 dilution	NA	high concentration of target compound	initial analysis

3.2. Semivolatile analysis

The QA/QC parameters presented in Chapter 2 for volatile organics were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

- Holding Times and Preservation
- Surrogate Recovery
- GC/MS Tuning Criteria

- MS/MSD Analysis
- Target Compound List Analytes
- TICs
- Compound Quantitation and Reported Detection Limits
- Initial Calibration
- Continuing Calibration
- Internal Standard Recovery
- LCS Analysis
- Field Duplicate Analysis
- System Performance
- Documentation Completeness

3.2.1. Blanks analysis

A TIC was detected at a retention time of 3.62 minutes in the method blank extracted 9/6/95. As a result of the blank contamination, the TIC at 3.62 in sample SB41 S-9 was determined to be unusable.

3.2.2. Matrix spike blank analysis

The percent recoveries for 1,4-dichlorobenzene and 1,2,4-trichlorobenzene in the MSB extracted on 9/6/95 were below the acceptable control limits. Compound results were qualified as approximate as a result of MSB excursions. Qualification of sample results are presented in Table 3-7.

Table 3-7. *Matrix spike blank deviations*

Date Matrix Spike Blank Analyzed	Volatile Organic	Percent Recovery	Affected Samples	Action
9/14/95	1,4-dichlorobenzene	32	SB41 S-9	UJ
	1,2,4-trichlorobenzene	37		

3.3. Polychlorinated biphenyls analysis

The QA/QC parameters presented in Chapter 2 for PCBs were evaluated for soil samples. The following QA/QC parameters met validation criteria:

- Holding Times and Preservation
- Surrogate Recovery
- MS/MSD and MSB Analyses
- GC Performance Check

- Target Compound List Analytes
- Compound Quantitation and Reported Detection Limits
- Initial Calibration
- Continuing Calibration
- LCS Analysis
- Field Duplicate Analysis
- System Performance
- Documentation Completeness

3.3.1. Blank analysis

PCB Aroclor 1242 was detected in equipment blank samples collected on 8/31/95 and 9/6/95. Blank action levels were calculated at five times the concentration detected in the equipment blanks utilizing sample weights, volumes, and percent moistures. Detected results less than the PQL and the blank action level were replaced with the PQL. Detected results greater than the PQL and less than the blank action level were qualified as not detected with a "U". Table 3-8 is a summary of the data qualified.

Table 3-8. *Blank analysis deviations*

Blank ID	PCB Aroclor	Blank Concentration	Affected Samples	Action
Equipment blank collected 8/31/95	PCB-1242	0.89 ug/L	SB-50 S-3	1100U
			SB-50 S-2	1100U
			SB-40 S-2	1800U
			SB-37 S-1	1100U
			SB-54 S-2	2600U
			SB-54 S-4	1100U
Equipment blank collected 9/6/95	PCB-1242	0.074 ug/L	SB-43 S-4	1100U
			SB-47 S-3	1200U

3.4. Kerosene analysis

The QA/QC parameters presented in Chapter 2 for kerosene were evaluated for soil samples with the exception of surrogate spike recoveries because they are not applicable to this analysis. The following QA/QC parameters were found to meet validation criteria:

- Holding Times and Preservation

- MS/MSD and MSB Analysis
- Blank Analysis
- Target Compound List Analytes
- Compound Quantitation and Reported Detection Limits
- Initial Calibration
- Continuing Calibration
- LCS Analysis
- Field Duplicate Analysis
- System Performance
- Documentation Completeness

Qualification of kerosene sample results was not required.

4. Summary and data usability

The analytical data generated through the analysis of samples collected as part of the RI/FS at the GE Fort Edward facility were evaluated based on QA/QC criteria established by USEPA Region II. Data qualified with an "R", which are considered unusable for either qualitative or quantitative purposes, resulted when a major deficiency was noted in the data generation process. Minor deficiencies in the data generation process resulted in the approximation of sample data. Approximation of a data point indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. For these analyses, 98.1 percent of the volatile data, 100 percent of the semivolatile data, 100 percent of the PCB data, and 100 percent of the kerosene data were determined to be usable for qualitative and quantitative purposes. Calibration excursions resulted in 1.9 percent of the volatile data to be considered unusable.

The following sections present the adherence of the data to the precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters.

Precision is measured through field duplicate and MS/MSD analyses. For the volatile data, 0.05 percent were qualified as approximate due to field duplicate deviations.

MS/MSD sample recoveries, surrogate recoveries, LCS recoveries, MSB recoveries, internal standard performance, and calibration criteria indicate the *accuracy* of the data. For the volatile data in this investigation, 1.9 percent were determined to be unusable due to calibration criteria deviations, 2.6 percent were qualified as approximate due to calibration excursions, 0.05 percent were qualified as approximate due to MS/MSD excursions, and 0.5 percent were qualified as approximate due to LCS excursions. For the semivolatile data, 3.4 percent were qualified as approximate due to MSB excursions.

Holding times, sample preservation, blank analysis, and compound identification and quantification are indicators of the *representativeness* of the analytical data. For this investigation, 0.3 percent of the volatile data were qualified due to blank contamination and 0.05 percent were qualified due to compound identification excursions. Four percent of PCB data were qualified based on equipment blank contamination.

Comparability is not compromised provided that the analytical methods did not change over time. A major component of comparability is the use of standard reference materials for calibration and QC. These standards are compared to other unknowns to verify their concentrations. Since standard analytical methods and reporting procedures were consistently used by the laboratory, the comparability criteria for the analytical data were met.

Completeness is defined as the percentage of the sample results that have been determined to be usable during the data validation process. The percent usability, or completeness, of the volatile data was 98.1 percent, the semivolatile data was 100 percent, the PCB data was 100 percent, and the kerosene data was 100 percent. Overall, the analytical data are of sufficient quality to be used for qualitative and quantitative purposes.

APPENDIX I-2

**Data Validation Report for Soil Samples
September 14, 1995**

Appendix I-2

Fort Edward RI/FS Data Validation Report

*General Electric Company
Transmission Systems
Fort Edward, New York*

January 1997



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Executive summary

This report addresses data quality for soil samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS) at the GE Fort Edward facility. Sample collection activities were conducted on September 14, 1995.

Samples collected for this investigation were analyzed for volatiles and PCBs. Sample analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York. The analyses were performed in accordance with the protocols specified the New York Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) Methods 8240 and 8080, and the Quality Assurance Project Plan (QAPP) developed for this investigation. The analytical data were evaluated based on guidance criteria established by the QAPP, analytical methods and USEPA Region II.

Overall, 97.2 percent of the analytical data were determined to be usable for quantitative and qualitative purposes. For the volatile data, 2.8 percent were determined to be unusable due to calibration criteria deviations; 3.5 percent were qualified as approximate due to calibration criteria deviations; 13.9 percent were qualified as approximate due to surrogate recovery excursions; 12.0 percent were qualified as approximate due to internal standard excursions; 2.0 percent were qualified due to blank contamination. For the PCB data, 100 percent were determined usable without further qualification.

1. Introduction

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS) at the GE Fort Edward facility. Sample collection activities were conducted on September 14, 1995. The quantity and types of samples that were submitted for data validation are presented in Table 1-1.

Table 1-1. *Sample cross reference list*

Sample Matrix	Collection Date	Client Identification	Project ID	Laboratory Identification
Soil	9/14/95	SS-7	950914	AJ01
		SS-6		AJ02
		SS-5		AJ03
		SS-4		AJ04
		SS-3		AJ05
		SS-2		AJ06
		SS-1		AJ07
		Equipment Blank		AJ08
		Blind Duplicate		AJ09
		(BLDUP)		

1.1. General considerations

Validation is a process of determining the suitability of a measurement system for providing useful analytical data. Although the term is frequently used in discussing methodologies, it applies to all aspects of the system and especially to samples, their measurement, and the actual data output. Accordingly, this report outlines excursions from the applicable quality control criteria outlined in the following documents:

- *Quality Assurance Project Plan (QAPP) for the Remedial Investigation/Feasibility Study*, General Electric Company, Fort Edward, New York, O'Brien & Gere Engineers, Inc. July 1995, Revised August, 1995.

- USEPA. 1992. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*, 3rd Edition. Washington DC: USEPA.
- *Exhibit E of New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP)*, NYSDEC September 1989, 12/91 Revisions.
- *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992.

The amended laboratory data sheets resulting from this validation are presented in Appendix A.

1.2. Analytical methods

Soil samples were analyzed for volatiles and PCBs in accordance with the method protocols specified by USEPA Methods 8240 and 8080¹, the quality control protocols specified by the NYSDEC ASP September 1989 with 12/91 Revisions², and the Quality Assurance Project Plan (QAPP)³ developed for this investigation. Laboratory analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York. The following sections of this document address distinct aspects of the validation process. Chapter 2 lists the data quality assurance/quality control (QA/QC) protocols used to validate the sample data. Specific QA/QC deviations and qualifications performed on the sample data are discussed in Chapter 3. Data completeness and usability are discussed in Chapter 4.

The amended laboratory data sheets resulting from this validation are presented in Appendix A.

¹ USEPA. 1992. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*, 3rd Edition. Washington DC: USEPA.

² *Exhibit E of New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP)*, NYSDEC September 1989, 12/91 Revisions.

³ *Quality Assurance Project Plan (QAPP) for the Remedial Investigation/Feasibility Study*, General Electric Company, Fort Edward, New York, O'Brien & Gere Engineers, Inc. July 1995, Revised August, 1995.

2. Data validation protocols

In accordance with the NYSDEC-approved QAPP, the validation of volatile and PCB analyses for this project followed the requirements presented in the analytical methodology, the QAPP written for this project, and the data validation guidelines. Qualification of sample data was based on the validation guidelines presented in *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992. The following QA/QC parameters were evaluated for organics analyses:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis
4. Matrix Spike Blank (MSB) Analysis
5. Blank Analysis
6. GC Performance or GC/MS Tuning Criteria
7. Target Compound List Analytes
8. Tentatively Identified Compounds
9. Compound Quantitation and Reported Detection Limits
10. Initial Calibration
11. Continuing Calibration
12. Internal Standard Recovery, if applicable
13. Laboratory Control Sample Analysis
14. Field Duplicate Analysis
15. System Performance
16. Documentation Completeness

The following qualifiers have been used in this data validation:

- R Indicates that the reporting limit or sample result has been determined to be unusable due to a major deficiency in the data generation process. The data should not be used for any qualitative or quantitative purposes.
- U Indicates that the analyte was analyzed for, but was not detected. The sample-specific reporting limit is presented and adjusted for dilution, as appropriate. This qualifier is also used to signify that

the detection limit of an analyte was raised due to blank contamination.

- J Indicates that the concentration should be considered approximate. This qualifier indicates that the data validation process identifies a deficiency in the data generation process. This qualifier is also used, as in the case of the PCBs, when the reported concentration is less than the practical quantitation limit or reporting limit.
- UJ Indicates that the sample-specific reporting limit for the analyte in this sample should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.

3. Data quality evaluation

This section summarizes the QA/QC parameters, validation criteria, and qualification of sample data which occurred when the QA/QC parameters specified did not meet criteria. Samples that required qualification are identified in the following sections by the description documented on the sample chain of custody records. QA/QC excursions which did not result in qualification of sample data are not discussed. One qualifier was used for an individual sample result. When the data validation process identified several QC deficiencies, the cumulative effect of the various deviations were employed in assigning the final data qualifier.

3.1. Volatile analysis

The QA/QC parameters presented in Chapter 2 for volatile organics were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

- Holding Times and Preservation
- GC/MS Tuning Criteria
- MSB Analysis
- LCS Analysis
- Tentatively Identified Compounds
- Target Compound List Analytes
- Field Duplicate Analysis
- Compound Quantitation and Reported Detection Limits
- System Performance
- Documentation Completeness

3.1.1. Blank analysis

Two blanks contained detected concentrations of volatile compounds. Blank action levels were calculated at ten times the blank concentration for toluene. Detected sample results which were less than the blank action levels for toluene were qualified with a "U" in the associated samples. Samples qualified for blank contamination are presented in Table 3-1.

Table 3-1. *Blank analysis deviations*

Blank ID	Volatile Organic	Blank Concentration	Affected Samples	Action
Method blank VBLK02 9/21/95	toluene	1 ug/Kg	SS-2 SS-3	5U
Method blank VBLK03 9/21/95	toluene	2 ug/Kg	SS-5RE SS-6 BLDUPRE	5U

3.1.2. Surrogate recovery

Surrogate recoveries in samples SS-3RE, SS-4, SS-5, and DUP exceeded acceptable limits. The reanalysis of samples SS-4, SS-5 and DUP continued to exceed limits. The reanalyses of these samples were included in the report. The surrogate recoveries in the analysis of samples SS-3RE and SS-5RE were above the control limits, and compounds were not detected, therefore qualification of sample results was not required. The sample results qualified as a result of surrogate recovery excursions are presented in Table 3-2.

Table 3-2. *Surrogate recovery deviations*

Sample ID	Surrogate	Excursion	Affected Compounds	Action
SS-4RE	bromofluorobenzene	46 %R	volatile target compounds	UJ
BLDUPRE	bromofluorobenzene	50 %R	volatile target compounds	UJ

3.1.3. Initial calibration criteria

The relative standard deviation (%RSD) limit of 20.5% for styrene and response factor (RF) criteria of 0.500 for 1,1,2,2-tetrachloroethane, as listed in the NYSDEC ASP Rev. 12/91, were exceeded in the initial calibration analyzed on September 21, 1995. Sample results were evaluated and qualified based on the USEPA Region II guidelines. The results for 1,1,2,2-tetrachloroethane in samples SS-1, SS-2, SS-3, SS-4RE, SS-5RE, SS-6, SS-7, and BLDUPRE were determined to be unusable due to an initial calibration response factor excursion. The non-detected results for styrene in each sample are considered approximate (flagged with "UJ"). The sample results qualified as a result of initial calibration excursions are presented in Table 3-3.

Table 3-3. Initial calibration deviations

Date Analyzed	Volatile Organic	Excursion	Affected Samples	Action
9/21/95	1,1,2,2-tetrachloroethane	0.435 RF	SS-1 SS-2 SS-3 SS-4RE SS-5RE SS-6 SS-7 BLDUPRE	R
9/21/95	styrene	23.5 %RSD	SS-1 SS-2 SS-3 SS-4RE SS-5RE SS-6 SS-7 BLDUPRE	UJ

3.1.4. Continuing calibration criteria

The bromomethane continuing calibration percent difference (%D) limit of 25% as listed in the NYSDEC ASP Exhibit E, 12/91 Revision, was exceeded in the continuing calibration standard analyzed on September 21, 1995. The sample data qualified as a result of continuing calibration excursion is presented in Table 3-4.

Table 3-4. Continuing calibration deviations

Date Analyzed	Volatile Organic	Excursions	Affected Samples	Action
9/21/95	bromomethane	39.3 %D	SS-6 SS-5RE SS-4RE	UJ

3.1.5. MS/MSD criteria

The percent recovery and relative percent difference (RPD) for trichloroethene, benzene, toluene, and chlorobenzene in the initial analysis of MS/MSD sample SS-4 exceeded NYSDEC ASP Rev. 12/91 acceptable limits. The percent recovery for trichloroethene, benzene, toluene, and chlorobenzene in the reanalysis of MS/MSD sample SS-4 were higher than the acceptable limits. The RPD for 1,1-dichloroethene exceeded the acceptable limits in both the initial and the reanalysis of sample SS-4. Since compounds were not detected in sample SS-4, qualification of sample results was not required.

3.1.6. Internal Standard Recovery

The internal standard areas for several samples exceeded acceptable recovery limits. Nondetected compounds affected by the internal standard excursions were qualified as approximate. The results for samples SS-3, SS-4RE and BLDUPRE, previously qualified as approximate due to surrogate or calibration excursions, were not requalified. The sample results qualified for internal standard recovery excursions are presented in Table 3-5.

Table 3-5. *Internal standard recovery deviations*

Sample ID	Internal Standard	Area	Affected Compounds	Action
SS-3	chlorobenzene-d5	102117	2-hexanone 4-methyl-2-pentanone tetrachloroethane 1,1,2,2-tetrachloroethane toluene chlorobenzene ethylbenzene styrene xylenes	UJ
SS-4RE	chlorobenzene-d5	87966	2-hexanone 4-methyl-2-pentanone tetrachloroethane 1,1,2,2-tetrachloroethane toluene chlorobenzene ethylbenzene styrene xylenes	UJ

Table 3-5. Internal standard recovery deviations

Sample ID	Internal Standard	Area	Affected Compounds	Action
SS-5RE	1,4-difluorobenzene	111557	1,1,1-trichloroethane carbon tetrachloride vinyl acetate bromodichloromethane 1,2-dichloropropane cis-1,3-dichloropropene trichloroethene dibromochloromethane 1,1,2-trichloroethane benzene trans-1,3-dichloropropene bromoform 2-butanone	UJ
SS-5RE	chlorobenzene-d5	76887	2-hexanone 4-methyl-2-pentanone tetrachloroethane 1,1,2,2-tetrachloroethane toluene chlorobenzene ethylbenzene styrene xylenes	UJ
BLDUPRE	chlorobenzene-d5	105763	2-hexanone 4-methyl-2-pentanone tetrachloroethane 1,1,2,2-tetrachloroethane toluene chlorobenzene ethylbenzene styrene xylenes	UJ

3.2. PCB analysis

The QA/QC parameters presented in Chapter 2 for PCBs were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

- Holding Times and Preservation
- Surrogate Recovery
- MS/MSD Analysis
- MSB Analysis
- Blank Analysis
- GC Performance Check
- Target Compound List Analytes
- Compound Quantitation and Reported Detection Limits
- Initial Calibration
- Continuing Calibration
- Laboratory Control Sample Analysis
- Field Duplicate Analysis
- System Performance
- Documentation Completeness

Qualification of PCB data was not required.

4. Summary and data usability

The analytical data generated through the analysis of samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS) at the GE Fort Edward facility were evaluated based on QA/QC criteria established by the QAPP, NYSDEC ASP, Rev. 12/91, and USEPA Region II. Data qualified with an "R", which are considered unusable for either qualitative or quantitative purposes, resulted when a major deficiency was noted in the data generation process. Minor deficiencies in the data generation process resulted in the approximation of sample data. Approximation of a data point indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. For these analyses, 97.2 percent of the volatile data, and 100 percent of the PCB data were determined to be usable for qualitative and quantitative purposes. Calibration excursions resulted in 2.8 percent of the volatile data to be considered unusable.

The following sections present the adherence of the data to the precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters.

Precision is measured through field duplicate and matrix spike/matrix spike duplicate analyses. None of the data were qualified due to precision excursions.

Matrix spike/matrix spike duplicate sample recoveries, surrogate recoveries, laboratory control sample recoveries, matrix spike blank recoveries, internal standard performance, and calibration criteria indicate the *accuracy* of the data. For the volatile data in this investigation, 2.8 percent were determined to be unusable due to calibration criteria deviations, 3.5 percent were qualified as approximate due to calibration excursions, 13.9 percent were qualified as approximate due to surrogate excursions, and 12.0 percent were qualified as approximate due to internal standard excursions.

Holding times, sample preservation, blank analysis, and compound identification and quantification are indicators of the *representativeness* of the analytical data. For this investigation, 2.0 percent of the volatile data were qualified due to blank contamination.

Comparability is not compromised provided that the analytical methods did not change over time. A major component of comparability is the use of standard reference materials for calibration and QC. These standards are compared to other unknowns to verify their concentrations. Since standard analytical methods and reporting procedures were consistently used by the laboratory, the comparability criteria for the analytical data were met.

Completeness is defined as the percentage of the sample results that have been determined to be usable during the data validation process. The percent usability, or completeness, of the volatile data was 97.2 percent, and the PCB data was 100 percent. Overall, the analytical data are of sufficient quality to be used for qualitative and quantitative purposes.

APPENDIX I-3

**Data Validation Report for Ground Water Samples
October 30 to November 9, 1995**

Appendix I-3

Fort Edward RI/FS Data Validation Report

*General Electric Company
Transmission Systems
Fort Edward, New York*

January 1997



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Executive summary

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study at the General Electric Company Fort Edward facility. Sample collection activities were conducted from October 30 to November 9, 1995.

Ninety-two ground water samples collected for this investigation were analyzed for volatiles and polychlorinated biphenyls (PCBs). Five blind duplicate, five matrix spike/matrix spike duplicate (MS/MSD), and seven trip blank samples were also collected and analyzed for volatiles and/or PCBs. Two of the samples were also analyzed for semi-volatiles. Sample analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York. The analyses were performed in accordance with the protocols specified within the New York Department of Environmental Conservation Analytical Services Protocol Methods 624, 625 and 608, and the Quality Assurance Project Plan developed for this investigation. The analytical data were evaluated based on method criteria and were qualified based on validation criteria established by United States Environmental Protection Agency Region II.

Overall, 97.7 percent of the analytical data were determined to be usable for quantitative and qualitative purposes. For the volatile data, 2.3 percent were determined to be unusable and 1.2 percent were qualified as approximate due to calibration criteria deviations; 1.2 percent were qualified as approximate due to surrogate recovery excursions; 2.5 percent were qualified as approximate due to laboratory control sample excursions; 2.7 percent were qualified as approximate due to internal standard excursions; 0.05 percent were qualified as approximate due to MS/MSD excursions; and 0.3 percent were qualified due to blank contamination. For the semivolatile data, 1.7 percent were qualified as approximate due to calibration excursions; 12.1 percent were qualified as approximate due to internal standard excursions. For the PCB data, 0.1 percent were qualified as approximate due to MS/MSD relative percent deviation excursions; 0.3 percent were qualified as approximate due to field duplicate excursions.

1. Introduction

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS) at the General Electric Company (GE) Fort Edward facility. Sample collection activities were conducted from October 30 to November 9, 1995. The quantity and types of samples that were submitted for data validation are presented in Table 1-1.

Table 1-1. Sample cross reference list

Sample Matrix	Collection Date	Client Identification	Project ID	Laboratory Identification
Water	10/30/95	OBG-44S	951031	C01
		OBG-44BS		C02
		OBG-45S		C03
		OBG-45BS		C04
		OBG-48S		C05
		OBG-57		C06
		GM-3		C07
		GM-4		C08
		GM-6		C09
		Trip Blank #1		C10
		Rencor #2		C11

General Electric - Fort Edward RI/FS Data Validation Report

Table 1-1. *Sample cross reference list*

Sample Matrix	Collection Date	Client Identification	Project ID	Laboratory Identification
Water	10/31/95	GM-12D	951101	J01
		GM-25		J02
		GM-26D		J03
		OBG-58		J04
		OBG-59		J05
		OBG-60		J06
		OBG-61		J07
		OBG-67		J08
		Spring #3		J09
		Spring #1		J10
		Griffin Ave Spring		J11
		Hillview Ave Spring		J12
		Dobroski		J13
		Hughes		J14
		SW-1		J15
		SW-2		J16
		SW-3		J17
		SW-4		J18
		SW-5		J19
		SW-6		J20
		Trip Blank #2		J22
		OBG-44BD		J21
Water	11/1/95	GM-2	951102	G01
		GM-5		G02
		GM-7		G03
		GM-9		G04
		GM-10		G05
		GM-11		G06
		GM-15		G07
		GM-19		G08
		GM-36		G09
		GM-37		G10
		GM-38		G11
		GM-39		G12
		F-4		G13
		Trip Blank #3		G14

Table 1-1. Sample cross reference list

Sample Matrix	Collection Date	Client Identification	Project ID	Laboratory Identification
Water	11/2/95	GM-9D	951103	R01
		GM-12C		R02
		GM-28		R03
		F-2		R04
		F-3		R05
		OBG-50S		R06
		OBG-53S		R07
		OBG-54S		R08
		GM-32		R09
		GM-21		R10
		GM-45		R11
		GM-24		R12
		GM-23		R13
		GM-16		R14
		GM-12A		R15
		GM-12B		R16
		GM-33		R17
		GM-30		R18
		GM-35		R19
		GM-18		R20
		GM-34		R21
		GM-31		R22
		GM-29		R23
		GM-46		R24
		Trip Blank #4		R25
Water	11/3/95	Hillman	951103	AR01
		GFNB		AR02
		GM-8A		AR03
		GM-14		AR04
		GM-17		AR05
		GM-22		AR06
		OBG-15BS		AR07
		OBG-15BD		AR08
		OBG-43BD		AR09
		OBG-55S		AR10
		OBG-66		AR11
		OBG-65		AR12
		OBG-64		AR13
		OBG-68		AR14
		OBG-63		AR15
		OBG-69		AR16
		OBG-26T		AR17
		Trip Blank #5		AR18

Table 1-1. Sample cross reference list

Sample Matrix	Collection Date	Client Identification	Project ID	Laboratory Identification
Water	11/6/95	OBG-62	951107	O01
		OBG-52S		O02
		OBG-49BD		O03
		OBG-49BS		O04
		OBG-47BS		O05
		OBG-46BD		O06
		OBG-46BS		O07
		OBG-43BS		O08
		GM-40D		O11
		Trip Blank #6		O12
Water	11/9/95	OBG-51	951110	D01
		OBG-56		D02
		OBG-26BD		D03
		Trip Blank #7		D04

1.1. General considerations

Validation is a process of determining the suitability of a measurement system for providing useful analytical data. Although the term is frequently used in discussing methodologies, it applies to all aspects of the system and especially to samples, their measurement, and the actual data output. Accordingly, this report outlines excursions from the applicable quality control criteria outlined in the United States Environmental Protection Agency (USEPA) methods used in the analyses and the following document:

- *Contract Laboratory Program (CLP) Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992.

The amended laboratory data sheets resulting from this validation are presented in Appendix K.

1.2. Analytical methods

Ground water samples were analyzed for volatiles, semivolatile, and polychlorinated biphenyls (PCBs) in accordance with the method protocols specified by USEPA Methods 624 and 625¹, 608², the quality control protocols specified by the New York State Department of Environmental Conservation Analytical Services Protocol September 1989 with 12/91 Revisions³, and the Quality Assurance Project Plan (QAPP)⁴ developed for this investigation. Laboratory analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York.

The following sections of this document address distinct aspects of the validation process. Chapter 2 lists the data quality assurance/quality control (QA/QC) protocols used to validate the sample data. Specific QA/QC deviations and qualifications performed on the sample data are discussed in Chapter 3. Data completeness and usability are discussed in Chapter 4.

¹ USEPA. 1985. *Federal Register*, V.50, No. 3.

² USEPA. 1984. *Federal Register*, V.49, No. 209.

³ Exhibit E of *New York State Department of Environmental Conservation Analytical Services Protocol* (NYSDEC ASP), NYSDEC September 1989, 12/91 Revisions.

⁴ *Quality Assurance Project Plan (QAPP) for the Remedial Investigation/Feasibility Study*, General Electric Company, Fort Edward, New York, O'Brien & Gere Engineers, Inc. July 1995, Revised August, 1995.

2. Data validation protocols

The validation of volatile, semivolatile, and PCB analyses for this project followed the requirements presented in the analytical methodology, the QAPP written for this project, and the data validation guidelines. Qualification of sample data was based on the validation guidelines presented in *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992. The following QA/QC parameters were evaluated for organics analyses:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis
4. Matrix Spike Blank (MSB) Analysis
5. Blank Analysis
6. Gas Chromatograph (GC) Instrument Performance or Gas Chromatograph/Mass Spectrometer (GC/MS) Tuning Criteria
7. Analytical Sequence, if applicable
8. Target Compound List Analytes
9. Tentatively Identified Compounds
10. Compound Quantitation and Reported Detection Limits
11. Initial Calibration
12. Continuing Calibration
13. Internal Standard Recovery, if applicable
14. Laboratory Control Sample (LCS) Analysis
15. Field Duplicate Analysis
16. System Performance
17. Documentation Completeness

The following qualifiers have been used in this data validation:

- R Indicates that the reporting limit or sample result has been determined to be unusable due to a major deficiency in the data generation process. The data should not be used for any qualitative or quantitative purposes.
- U Indicates that the analyte was analyzed for, but was not detected. The sample-specific reporting limit is presented and adjusted for

dilution, as appropriate. This qualifier is also used to signify that the detection limit of an analyte was raised due to blank contamination.

- J Indicates that the concentration should be considered approximate. This qualifier indicates that the data validation process identifies a deficiency in the data generation process.
- UJ Indicates that the sample-specific reporting limit for the analyte in this sample should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.

3. Data quality evaluation

This section summarizes the QA/QC parameters, validation criteria, and qualification of sample data which occurred when the QA/QC parameters specified did not meet criteria. Samples that required qualification are identified in the following sections by the description documented on the sample chain of custody records. QA/QC excursions which did not result in qualification of sample data are not discussed. One qualifier was used for an individual sample result. When the data validation process identified several QC deficiencies, the cumulative effect of the various deviations were employed in assigning the final data qualifier.

3.1. Volatile analysis

The QA/QC parameters presented in Chapter 2 for volatile organics were evaluated for water samples. The following QA/QC parameters were found to meet validation criteria:

- GC/MS Tuning Criteria
- Matrix Spike Blank Analysis
- Tentatively Identified Compounds
- Target Compound List Analytes
- Field Duplicate Analysis
- System Performance
- Documentation Completeness

3.1.1. Holding times and preservation

Samples OBG-26TRE, OBG-55S, and OBG-64 RE were analyzed outside of the seven day holding time as established in the QAPP. Sample OBG-55S was analyzed outside of the holding time by 26 minutes and sample OBG-64RE by 59 minutes. Since the analysis sequence for these two samples was started within the acceptable holding time but finished outside of the holding time by less than 1 hour, the data were not qualified. Sample OBG-26TRE was analyzed outside of the holding time by 92 minutes. However, the results for OBG-26T and OBG-26TRE (the reanalysis of sample OBG-26T) were similar, therefore sample results were not qualified.

3.1.2. Blank analysis

Several blanks contained detected concentrations of volatile compounds. Blank action levels were calculated at ten times the blank concentration for methylene chloride and five times for the tentatively identified compound, acetone. Detected sample results which were less than the blank action levels for methylene chloride were qualified with a "U" in the associated samples. Since acetone was detected as a tentatively identified compound, results which were less than the blank action level for acetone were determined to be unusable. Samples qualified for blank contamination are presented in Table 3-1.

Table 3-1. Blank analysis deviations

Blank ID	Volatile Organic	Blank Concentration	Affected Samples	Action
Method blank VBLK327	methylene chloride	7 µg/L	GM-25	100U
			GM-11	7U
			GM-15	7U
			GM-39	8U
Method blank VBLK3553	methylene chloride	8 µg/L	OBG-49BD	6U
			OBG-49BS	5U
			OBG-47BS	5U
			OBG-46BD	5U
			OBG-46BS	5U
			OBG-43BS	5U
			GM-40D	5U
			OBG-26BD	5U
	acetone	17 µg/L	OBG-49BD	R
			OBG-43BS	R

3.1.3. Surrogate recovery

Surrogate recoveries in the initial analysis of several samples exceeded acceptable limits. Samples OBG-59, GM-46, and GM-22 were not reanalyzed as required by the method. Qualification of sample results was not required in cases of high surrogate percent recoveries (%Rs) when target compounds were not detected in the sample, if the reanalysis met criteria, if the analysis was not reported, or if the excursion occurred in quality control samples. The sample results that were qualified as a result of surrogate recovery excursions are presented in Table 3-2.

As a result of the evaluation of surrogate excursions, the results for samples GM-26D, GM-24, OBG-15BSRE, OBG-64RE, OBG-26TRE, and SW-2 are included in the report.

Table 3-2. Surrogate recovery deviations

Sample ID	Surrogate	Excursion	Affected Compounds	Action
OBG-59	toluene-d8	74 %R	chloroform	J
			bromodichloromethane	J
			trichloroethene	J
			remaining compounds	UJ
GM-24	bromofluorobenzene	120 %R	1,1-dichloroethane	J
			cis-1,2-dichloroethene	
			1,1,1-trichloroethane	
			trichloroethene	
GM-46	toluene-d8	113 %R	trichloroethene	J
GM-22	toluene-d8	111 %R	methylene chloride	J
			cis-1,2-dichloroethene	
			trichloroethene	
OBG-64RE	toluene-d8	141 %R	trichloroethene	J

3.1.4. Initial calibration criteria

The response factor (RF) criteria, as listed in the method, was exceeded for several compounds in one initial calibration. Samples results affected by excursions were qualified based on the USEPA Region II guidelines. The results for 1,2-dibromo-3-chloropropane and hexachlorobutadiene in several samples were determined to be unusable due to initial calibration response factor (RF) excursions. The sample results qualified as a result of initial calibration excursions are presented in Table 3-3.

Table 3-3. Initial calibration deviations

Date Analyzed	Volatile Organic	Excursion	Affected Samples	Action
11/13/95	1,2-dibromo-3-chloropropane hexachlorobutadiene	0.007 RF 0.007 RF	OBG-49BD OBG-49BS OBG-47BS OBG-46BD OBG-46BS OBG-43BS GM-40D OBG-62 OBG-52S OBG-51 OBG-56 OBG-26BD	R

3.1.5. Continuing calibration criteria

The continuing calibration percent difference (%D) limit along with the RF criteria as listed in the method, were exceeded for several compounds. Sample results affected by excursions were qualified based on the USEPA Region II guidelines. The results for 1,2-dibromo-3-chloropropane and hexachlorobutadiene in several samples were determined to be unusable due to continuing calibration RF excursions. The sample results qualified as a result of continuing calibration excursions are presented in Table 3-4.

Table 3-4. Continuing calibration deviations

Calibration ID	Volatile Organic	Excursions	Affected Samples	Action
11/3/95 DS638	bromomethane	36.3 %D	OBG-44S OBG-45S OBG-48S OBG-57 GM-3 GM-4 GM-12D GM-26D	UJ
11/6/95 DS641	1,2-dibromo-3-chloropropane hexachlorobutadiene	0.004 RF 0.007 RF	OBG-44BS OBG-45BS GM-6 Rencor #2RE OBG-61 Hillview SW-3 SW-4 Griffin SW-5 SW-6	R
11/6/95 DS642	1,2-dibromo-3-chloropropane hexachlorobutadiene	0.004 RF 0.006 RF	GM-25 GM-11 GM-15 GM-37 GM-38 GM-39 F-4	R
11/6/95 DS643	1,2-dibromo-3-chloropropane	0.006 RF	OBG-58 OBG-60 GM-5 GM-9 GM-10 GM-7 GM-2 GM-36 GM-19 GM-28 F-2 OBG-53S OBG-54S	R

Table 3-4. Continuing calibration deviations

Calibration ID	Volatile Organic	Excursions	Affected Samples	Action
11/7/95 DS644	bromoform	32.4 %D	GM-45 GM-16 GM-30 GM-31	UJ
	1,2-dibromo-3-chloropropane hexachlorobutadiene	0.003 RF 0.004 RF	GM-45 GM-16 GM-30 GM-31	R
11/8/95 DS645	vinyl chloride	26.8 %D	GM-9D	UJ
	1,2-dichloroethane	31.0 %D	GM-12C GM-32 GM-21 GM-24 GM-23 GM-12B GM-33 GM-35 GM-29 GM-18	
11/9/95 DS647	1,2-dibromo-3-chloropropane hexachlorobutadiene	0.002 RF 0.005 RF	F-3 GM-12A GM-34	R

Table 3-4. Continuing calibration deviations

Calibration ID	Volatile Organic	Excursions	Affected Samples	Action
11/9/95 DS648	tetrachloroethene	29.2 %D	Hillman	UJ
	toluene	38.5 %D	GM-8A	
	styrene	33.7 %D	OBG-43BD	
	xylenes (total)	26.2 %D	OBG-65	
	1,2-dibromo-3-chloropropane	0.004 RF	Hillman	R
	hexachlorobutadiene	0.005 RF	GM-8A OBG-43BD OBG-65	
11/10/95 DS649	1,1,2-trichloroethane	31.4 %D	OBG-50S	UJ
			GM-46	
			GFNB	
			GM-14	
			GM-17	
			GM-22	
			OBG-66	
			OBG-63	
			OBG-68	
			OBG-69	
	1,2-dibromo-3-chloropropane hexachlorobutadiene	0.003 RF 0.006 RF	OBG-50S	R
			GM-46	
			GFNB	
			GM-14	
11/10/95 DS650	bromodichloromethane	35.9 %D	OBG-15BSRE	UJ
			OBG-15BD	
			OBG-55S	
			OBG-64RE	
			OBG-26TRE	
	1,2-dibromo-3-chloropropane hexachlorobutadiene	0.001 RF 0.0003 RF	OBG-15BSRE	R
			OBG-15BD	
			OBG-55S	
			OBG-64RE	
			OBG-26TRE	

3.1.6. Laboratory control sample criteria

The %R criteria for several LCS exceeded acceptable recovery limits. Compounds affected by the LCS excursions were qualified as approximate. Sample results previously qualified due to calibration or surrogate excursions were not requalified. Nondetected results associated with LCS with high recoveries were not qualified. The sample results qualified for LCS recovery excursions are presented in Table 3-5.

Table 3-5. *Laboratory control sample deviations*

LCS ID	Volatile Organic	Excursion	Affected Samples	Action
11/3/95 D3320	1,2,4-trimethylbenzene	42 %R	OBG-44S	UJ
	sec-butylbenzene	43 %R	OBG-45S	
	p-cymene	43 %R	OBG-48S	
	n-butylbenzene	45 %R	OBG-57	
	1,2-dichlorobenzene	46 %R	GM-3	
	1,2-dibromo-3-chloropropane	49 %R	GM-4 GM-12D GM-26D	
11/4/95 D3334	1,2-dibromo-3-chloropropane	43 %R	SW-1	UJ
11/5/95 D3357	hexachlorobutadiene	39 %R	OBG-67 Spring #3 Spring #1 Dobroski Hughes SW-2 OBG-44BD	UJ
11/7/95 D3409	2-chlorotoluene	40 %R	OBG-58 OBG-60	UJ

Table 3-5. Laboratory control sample deviations

LCS ID	Volatile Organic	Excursion	Affected Samples	Action
11/7/95 D3409	2-chlorotoluene	40 %R	GM-5 GM-9 GM-10 GM-7 GM-2 GM-36 GM-19 GM-28 F-2 OBG-53S OBG-54S	UJ
11/8/95 D3447	chloroethane 1,2-dibromo-3-chloropropane hexachlorobutadiene	37 %R 43 %R 22 %R	GM-9D GM-12C GM-32 GM-21 GM-24 GM-23 GM-12B GM-33 GM-35 GM-29 GM-18	UJ
11/10/95 D3499	trichlorofluoromethane	51 %R	Hillman OBG-43BD OBG-65	UJ
11/10/95 D3499	trichlorofluoromethane cis-1,2-dichloroethene	51 %R 153 %R	GM-8A	UJ J
11/10/95 D3516	chloroethane trichlorofluoromethane 1,2-dichlorobenzene	43 %R 48 %R 40 %R	OBG-50S GFNB GM-14 GM-17 GM-22 OBG-66 OBG-63 OBG-68 OBG-69	UJ

3.1.7. Matrix spike/matrix spike duplicate criteria

The %R or relative percent difference (RPD) for trichloroethene in MS/MSD samples SW-4, GM-24, and GM-12B exceeded acceptable limits. As a result of the MS/MSD excursions, trichloroethene in samples SW-4, GM-24, and GM-12B was qualified as approximate. The sample results qualified for MS/MSD excursions are presented in Table 3-6.

Table 3-6. *Matrix spike/matrix spike duplicate deviations*

MS/MSD ID	Volatile Organic	Excursion	Affected Samples	Action
SW-4	trichloroethene	60 %R , 40 %R	SW-4	J
GM-24	trichloroethene	18 %RPD	GM-24	J
GM-12B	trichloroethene	70 %R ,70 %R	GM-12B	J

3.1.8. Internal standard recovery

The internal standard areas for samples Rencor #2RE, GM-46, and OBG-15BSRE exceeded acceptable recovery limits. Sample GM-46 was not reanalyzed as was required by the method. Nondetected compounds affected by the internal standard excursions were qualified as approximate. The sample results qualified for internal standard recovery excursions are presented in Table 3-7.

As a result of the evaluation of internal standard excursions, the results for sample Rencor #2RE are included in the report.

Table 3-7. Internal standard recovery deviations

Sample ID	Internal Standard	Area	Affected Compounds	Action
Rencor #2RE	chlorobenzene-d5	28288	tetrachloroethane ethylene dibromide 1,1,2,2-tetrachloroethane toluene chlorobenzene 1,1,1,2-tetrachloroethane ethylbenzene styrene xylenes (total) isopropylbenzene n-propylbenzene bromobenzene 1,3,5-trimethylbenzene 2-chlorotoluene 4-chlorotoluene tert-butylbenzene 1,2,4-trimethylbenzene sec-butylbenzene p-cymene 1,3-dichlorobenzene 1,4-dichlorobenzene n-butylbenzene 1,2-dichlorobenzene 1,2-dibromo-3-chloro propane 1,2,4-trichlorobenzene hexachlorobutadiene naphthalene 1,2,3-trichlorobenzene	UJ
GM-46	1,1-dichloropropane 1,4-difluorobenzene chlorobenzene-d5	12140 26273 14139	target compounds	UJ
OBG-15BSRE	1,1-dichloropropane 1,4-difluorobenzene chlorobenzene-d5	18702 36510 14722	target compounds	UJ

3.1.9. Compound quantitation and reported detection limits

The results for trichloroethene in sample GM-32, and 1,1,1-trichloroethane in sample OBG-55S were qualified as approximate since the concentrations exceeded the calibration curves.

Several samples were analyzed at a dilution due to the presence of target compounds that exceeded the calibration range. Samples that required dilutions are presented in Table 3-8.

Table 3-8. Samples requiring dilutions

Sample ID	Dilution	Reason For Dilution
GM-25	1:20	trichloroethene detected above the upper calibration limit
OBG-61	1:10	trichloroethene detected above the upper calibration limit
SW-3	1:20	trichloroethene detected above the upper calibration limit
SW-4	1:10	trichloroethene detected above the upper calibration limit
SW-5	1:5	trichloroethene detected above the upper calibration limit
Griffin	1:10	trichloroethene detected above the upper calibration limit
GM-12C	1:50	trichloroethene detected above the upper calibration limit
GM-32	1:50	trichloroethene detected above the upper calibration limit
GM-12A	1:25	trichloroethene detected above the upper calibration limit
GM-12B	1:2	trichloroethene detected above the upper calibration limit
GM-30	1:10	trichloroethene detected above the upper calibration limit
GM-33	1:50	trichloroethene detected above the upper calibration limit
GM-35	1:2.5	trichloroethene detected above the upper calibration limit
GM-46	1:2	trichloroethene detected above the upper calibration limit
GM-8A	1:1.25	1,4-dichlorobenzene and trichloroethene detected above the upper calibration limit
OBG-63	1:10	trichloroethene detected above the upper calibration limit
OBG-55S	1:5	1,1,1-trichloroethane detected above the upper calibration limit

3.2. Semivolatile analysis

The QA/QC parameters presented in Chapter 2 for volatile organics were evaluated for water samples. The following QA/QC parameters were found to meet validation criteria:

- Holding Times and Preservation
- Surrogate Recovery
- MS/MSD and MSB Analysis
- Blank Analysis
- GC/MS Tuning Criteria
- Target Compound List Analytes
- Tentatively Identified Compounds
- Compound Quantitation and Reported Detection Limits
- Initial Calibration
- LCS Analysis
- Field Duplicate Analysis
- System Performance
- Documentation Completeness

3.2.1. Continuing calibration criteria

The continuing calibration %D limit as listed in the method, was exceeded for fluorene in the continuing calibration of 11/14/95 (BS322). The results for fluorene in samples GM-4 and GM-5 were qualified as approximate due to the continuing calibration excursion.

3.2.2. Internal standard recovery

The internal standard areas for sample GM-5 exceeded acceptable recovery limits. The reanalysis of sample GM-5 produced similar results. Nondetected compounds affected by the internal standard excursions were qualified as approximate. The compounds qualified for internal standard recovery excursions are presented in Table 3-9.

As a result of the evaluation of internal standard excursions, the results for sample GM-5 are included in the report.

Table 3-9. *Internal standard recovery deviations*

Sample ID	Internal Standard	Area	Affected Compounds	Action
GM-5	chrysene-d12	6244	pyrene butylbenzylphthalate 3,3'-dichlorobenzidine benzo(a)anthracene bis(2-ethylhexyl)phthalate benzidine chrysene	UJ
GM-5	perylene-d12	3194	di-n-octyl phthalate benzo(b)fluoranthene benzo(k)fluoranthene benzo(a)pyrene indeno(1,2,3-cd)pyrene dibenzo(a,h)anthracene benzo(g,h,i)perylene	UJ

3.3. PCB analysis

The QA/QC parameters presented in Chapter 2 for PCBs were evaluated for water samples. The following QA/QC parameters were found to meet validation criteria:

- Holding Times and Preservation
- Surrogate Recovery
- MSB Analysis
- Blank Analysis
- GC Instrument Performance Criteria
- Analytical Sequence
- Target Compound List Analytes
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- LCS Analysis
- System Performance
- Documentation Completeness

3.3.1. Matrix spike/matrix spike duplicate criteria

MS/MSD samples were spiked with PCB Aroclor 1242. Percent recoveries for MS/MSD sample GM-12B were not used to assess data quality since the concentration of PCB Aroclor 1242 in the unspiked sample was more than ten times the spiking concentration used. RPD control limits were exceeded in MS/MSD sample GM-24. As a result of the MS/MSD excursion, the result for Aroclor 1242 in sample GM-24 was qualified as approximate.

3.3.2. Field duplicate analysis

RPD criterion was exceeded for PCB Aroclor 1254 for the field duplicate pair of samples which were collected from location OBG-65. Detected and nondetected results for PCB 1254 were approximated in samples OBG-65 and OBG-69 (field duplicate) due to the field duplicate excursions.

3.3.3. Reported detection limits

Several samples were analyzed at a dilution due to the presence of high concentrations of Aroclor 1242. Samples that required dilutions are presented in Table 3-10.

Table 3-10. *Samples requiring dilutions*

Sample ID	Dilution	Reason For Dilution
GM-25	1:10	Aroclor 1242 detected above the upper calibration limit
OBG-44S	1:10	Aroclor 1242 detected above the upper calibration limit
OBG-48S	1:10	Aroclor 1242 detected above the upper calibration limit
OBG-50S	1:10	Aroclor 1242 detected above the upper calibration limit
GM-12C	1:10	Aroclor 1242 detected above the upper calibration limit
GM-8A	1:10	Aroclor 1242 detected above the upper calibration limit
GM-12A	1:20	Aroclor 1242 detected above the upper calibration limit

4. Summary and data usability

The analytical data generated through the analysis of ninety-two water samples collected as part of the RI/FS at the GE Fort Edward facility were evaluated based on QA/QC criteria established by USEPA methods and qualified based on USEPA Region II guidelines. Data qualified with an "R", (as listed in the Appendix K tables) which are considered unusable for either qualitative or quantitative purposes, resulted when a major deficiency was noted in the data generation process. Minor deficiencies in the data generation process resulted in the approximation of sample data. Approximation of a data point indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

As part of this validation, the analytical data were evaluated for completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. For these analyses, 97.7 percent of the volatile data, 100 percent semivolatile data, and 100 percent of the PCB data were determined to be usable for qualitative and quantitative purposes. Calibration excursions resulted in 2.3 percent of the volatile data to be considered unusable.

The following present the adherence of the data to the precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters.

Precision is measured through field duplicate and matrix spike/matrix spike duplicate analyses. For the volatile data, 0.02 percent were qualified as approximate due to MS/MSD RPD excursions. For the PCB data, 0.1 percent were qualified as approximate due to MS/MSD RPD excursions; 0.3 percent were qualified as approximate due to field duplicate excursions. The semivolatile data were not qualified due to precision excursions.

MS/MSD sample duplicate sample recoveries, surrogate recoveries, LCS recoveries, matrix spike blank recoveries, internal standard performance, and calibration criteria indicate the *accuracy* of the data. For the volatile data in this investigation, 2.3 percent were determined to be unusable and 1.2 percent were qualified as approximate due to calibration criteria; 1.2 percent were qualified as approximate due to surrogate excursions, 2.5

percent were qualified due to LCS excursions; 0.04 percent were qualified due to MS/MSD excursions; and 2.7 percent were qualified as approximate due to internal standard excursions. For the semivolatile data, 1.7 percent were qualified as approximate due to calibration excursions; 12.1 percent were qualified as approximate due to internal standard excursions. The PCB data were not qualified due to accuracy excursions.

Holding times, sample preservation, blank analysis, and compound identification and quantification are indicators of the *representativeness* of the analytical data. For this investigation, 0.3 percent of the volatile data were qualified due to blank contamination. The semivolatile and PCB data were not qualified due to representativeness excursions.

Comparability is not compromised provided that the analytical methods did not change over time. A major component of comparability is the use of standard reference materials for calibration and QC. These standards are compared to other unknowns to verify their concentrations. Since standard analytical methods and reporting procedures were consistently used by the laboratory, the comparability criteria for the analytical data were met.

Completeness is defined as the percentage of the sample results that have been determined to be usable during the data validation process. The percent usability, or completeness, of the volatile data was 97.7 percent, of the semivolatile data was 100 percent, and of the PCB data was 100 percent. Overall, the analytical data are of sufficient quality to be used for qualitative and quantitative purposes.

APPENDIX I-4

**Data Validation Report for Storm Water Samples
January 10 to 12, 1996**

Appendix I-4

**Fort Edward RI/FS
Data Validation Report**

*General Electric Company
Transmission Systems
Fort Edward, New York*

January 1997



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1. Introduction

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS) at the GE Fort Edward facility. Sample collection activities were conducted from January 10 to January 12, 1996. The quantity and types of samples that were submitted for data validation are presented in Table 1-1.

Table 1-1. Sample cross reference list

Sample matrix	Collection date	Client identification	Project ID	Laboratory identification
Water	1/10/96	MH-4	960110AT	AT01
		MH-5		AT03
		MH-7		AT06
		MH-13		AT04
		MH-14		AT05
		MH-15		AT02
		Trip blank 2		AT07
Water	1/11/96	MH-X1 (MH-9 duplicate)	960112F	F05
		MH-8		F01
		MH-9		F02
		MH-10		F03
		MH-25		F04
				F06
		Trip blank 1		
Water	1/12/96	MH-23	960112AE	AE01
		MH-23A*		AE02
		Trip blank 3		AE03

* MH-23A is the product layer found in MH-23. This LNAPL was analyzed for PCBs and qualitative identification for petroleum.

1.1. General considerations

Validation is a process of determining the suitability of a measurement system for providing useful analytical data. Although the term is frequently used in discussing methodologies, it applies to all aspects of the

system and especially to samples, their measurement, and the actual data output. Accordingly, this report outlines excursions from the applicable quality control criteria outlined in the United States Environmental Protection Agency (USEPA) methods used in the analysis and the following document:

- *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992.

The amended laboratory data sheets resulting from this validation are presented in Appendix K.

1.2. Analytical methods

Sewer water samples were analyzed for volatile organics and polychlorinated biphenyls (PCBs) in accordance with the method protocols specified by USEPA Methods 624¹(modified to include target compounds from method 8021²) and 608¹, the quality control protocols specified by the NYSDEC ASP September 1989 with 12/91 Revisions³, and the Quality Assurance Project Plan (QAPP)⁴ developed for this investigation. Laboratory analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York.

The following sections of this document address distinct aspects of the validation process. Section 2 lists the data quality assurance/quality control (QA/QC) protocols used to validate the sample data. Specific QA/QC deviations and qualifications performed on the sample data are discussed in Section 3. Data completeness and usability are discussed in Section 4.

¹ USEPA. 1984, Federal Register, V.49, No. 209.

² USEPA. July 1992. Test Methods for Evaluating Solid Waste, Third Edition.

³ Exhibit E of *New York State Department of Environmental Conservation Analytical Services Protocol* (NYSDEC ASP), NYSDEC September 1989, 12/91 Revisions.

⁴ *Quality Assurance Project Plan (QAPP) for the Remedial Investigation/Feasibility Study*, General Electric Company, Fort Edward, New York, O'Brien & Gere Engineers, Inc. July 1995, Revised August, 1995.

2. Data validation protocols

The validation of volatile organic and PCB analyses for this project followed the requirements presented in the analytical methodology, the QAPP written for this project, and the data validation guidelines. Qualification of sample data was based on the validation guidelines presented in CLP Organics Data Review and Preliminary Review, SOP No. HW-6 Revision #8, USEPA Region II, January 1992. The following QA/QC parameters were evaluated for organics analyses:

1. Holding times and preservation
2. Surrogate recovery
3. Matrix spike/matrix spike duplicate analysis/matrix spike blank (MS/MSD/MSB) analysis
4. Blank analysis
5. GC instrument performance or GC/MS tuning criteria
6. Analytical sequence, if applicable
7. Target compound list compounds
8. Tentatively identified compounds (TICs), if applicable
9. Compound quantitation and reported detection limits
10. Initial calibration
11. Continuing calibration
12. Internal standard performance, if applicable
13. Laboratory control sample (LCS) analysis
14. Field duplicate analysis
15. System performance
16. Documentation completeness.

The following qualifiers have been used in this data validation:

- U Indicates that the analyte was analyzed for, but was not detected. The sample-specific reporting limit is presented and adjusted for dilution, as appropriate. This qualifier is also used to signify that the detection limit of an analyte was raised to blank contamination.
- J Indicates that the concentration should be considered approximate. This qualifier indicates that the data validation process identifies a deficiency in the data generation process.

- UJ Indicates that the sample specific reporting limit for the analyte in the sample should be considered approximate. This qualifier indicates that the data validation process identifies a deficiency in the data generation process.

3. Data quality evaluation

This section summarizes the QA/QC parameters, validation criteria, and qualification of sample data which occurred when the QA/QC parameters specified did not meet criteria. Samples that required qualification are identified in the following sections by the description documented on the sample chain of custody records. QA/QC excursions which did not result in qualification of sample data are not discussed. One qualifier was used for an individual sample result. When the data validation process identified several QC deficiencies, the cumulative effect of the various deviations were employed in assigning the final data qualifier.

3.1. Volatile analysis

The following QA/QC parameters met validation criteria:

- Holding times and preservation
- Surrogate recovery
- MS/MSD/MSB analyses
- GC/MS tuning criteria
- Target compound list compounds
- Tentatively identified compounds
- Compound quantitation and reported detection limits
- Internal standards performance
- Field duplicate analysis
- System performance
- Documentation completeness.

Blank analysis - Chloroform was detected at 3 $\mu\text{g/L}$ in method blank VBLK01 analyzed on January 15, 1996. A blank action level was calculated at five times the blank concentration. Detected sample results less than practical quantitation limit (PQL) and the blank action level were replaced with the PQL. Detected results greater than the PQL but less than the blank action level were qualified with a "U". Data were qualified for samples associated with VBLK01. Table 3-1 is a summary of the data

qualified. TICs were detected in the trip blank shipped with samples collected on January 11, 1996. Qualification of data was not required since these TICs were not detected in samples associated with this trip blank.

Table 3-1. Qualification of data: Volatile blank analysis.

Blank ID	Volatile organic	Blank concentration	Affected samples	Action
Method blank	chloroform	3 µg/L	MH-1X (MH-9 duplicate)	14U
VBLK01			MH-4	5U
			MH-5	5U
			MH-7	12U
			MH-13	5U

Initial calibration - Relative standard deviation (RSD) criteria of <20% for method specific target compounds was exceeded slightly for styrene (21.1%) and total xylenes (21.3%) for the initial calibration performed on January 19, 1996. Data were not qualified since these compounds were not detected in samples associated with this initial calibration.

Continuing calibration - Percent difference (%D) criteria of 25% for method specific target compounds was exceeded for 1,1-dichloroethane for the continuing calibration standard analyzed on January 15, 1996 at 17:57. Nondetected results were approximated (flagged UJ) for 1,1-dichloroethane in the following samples associated with this calibration standard: MH-4, MH-5, MH-7, MH-10, MH-13, MH-14, MH-15, and MH-1X (MH-9 duplicate).

LCS analysis - A LCS was not analyzed for the analytical sequence beginning on January 15, 1996 at 17:25. Data were not qualified regarding this excursion from QAPP requirements since method QA/QC and NYSDEC ASP requirements were met for MS/MSD and MSB analyses. The LCS for the analytical sequence initiated on January 19, 1996 was analyzed in duplicate. Percent recoveries were above laboratory control limits (52% to 145%) for 1,1-dichloroethane (219%) and dibromomethane (147%) for the duplicate analysis performed. Data were not qualified since these compounds were not detected in samples analyzed on January 19, 1996 and recovery criteria were met for these compounds for the initial LCS analysis performed.

3.2. PCB analysis

The following QA/QC parameters were found to meet validation criteria:

- Holding times and preservation
- MSB analysis
- Blank analysis
- GC instrument performance criteria
- Analytical sequence
- Target compound list compounds
- Compound quantitation
- Initial calibration
- Continuing calibration
- LCS analysis
- System performance
- Documentation completeness.

Surrogate recovery - Surrogate recoveries were not assessed for samples MH-8 and MH-25. The surrogate compound, decachlorobiphenyl, was diluted out in these samples as a result of sample dilutions performed to obtain concentrations within the linear calibration range.

MS/MSD analysis - MS/MSD analyses were performed on samples MH-25 and MH-23A using PCB Aroclor 1242. Percent recoveries for MS/MSD sample MH-25 were not used to assess data quality since the concentration of PCB Aroclor 1242 in the unspiked sample was more than ten times the spiking concentration used. Percent recoveries were above laboratory control limits (66% to 127%) for MS/MSD sample MW-23A (139% and 133%). As specified by validation guidelines, qualification of data is not performed using MS/MSD data alone. Data were not qualified since additional QA/QC requirements, specifically, MSB and calibration, were met for PCB Aroclor 1242.

Field duplicate analysis - RPD criterion was exceeded for PCB Aroclors 1242 (RPD 116%) and 1254 (RPD 117%) for the field duplicate sample collected from MH-9. Detected results for PCB Aroclors 1242 and 1254 were approximated in samples MH-9 and MH-1X (MH-9 duplicate).

Reported detection limits - Several samples were diluted prior to analysis based on results obtained during screening. Laboratory PQLs were

adjusted by sample dilution factors employed. Table 3.2 is a summary of the samples that required dilution. Sample MH-23A was analyzed as product and, therefore, results were reported in $\mu\text{g/kg}$.

Table 3-2. Samples requiring dilutions.

Sample ID	Dilution	Reason for dilution
MH-4	1:10	To obtain PCB Aroclor 1242 within the linear range
MH-8	1:10	To obtain PCB Aroclor 1242 within the linear range
MH-10	1:20	To obtain PCB Aroclors 1242 and 1254 within the linear range
MH-25	1:100	To obtain PCB Aroclor 1242 within the linear range
MH-23A (LNAPL)	1:4	To obtain PCB Aroclors 1242 and 1254 within the linear range

4. Summary and data usability

The analytical data generated through the analysis of twelve sewer water samples collected as part of the RI/FS at the GE Fort Edward facility were evaluated based on QA/QC criteria established by USEPA methods and qualified based on USEPA Region II guidelines. Minor deficiencies in the data generation process resulted in the approximation of sample data. Approximation of a data point indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

As part of this validation, the analytical data were evaluated for completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. For these analyses, 100 percent of the volatile organics and PCB data were determined to be usable for qualitative and quantitative purposes. The following present the adherence of the data to the precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters.

Precision is measured through field duplicate and MS/MSD analysis. Four percent of the PCB were qualified as approximate based on excursions from field duplicate criteria. Excursions from precision criteria were not observed for volatile analyses.

MS/MSD/MSB, LCS, and surrogate recoveries, internal standard performance, and calibration criteria indicate the accuracy of the data. One percent of the volatile data were qualified as approximate based on an excursion from calibration criteria. The PCB data were not qualified due to accuracy excursions.

Holding times, sample preservation, blank analysis, and compound identification and quantitation are indicators of the *representativeness* of the analytical data. Less than one percent of the volatile data were qualified due to blank contamination. Excursions from representativeness requirements were not observed for PCB analyses.

Comparability is not compromised provided that the analytical methods did not change over time. A major component of comparability is the use of

standard reference materials for calibration and QC. These standards are compared to other unknowns to verify their concentrations. Since standard analytical methods and reporting procedures were consistently used by the laboratory, the comparability criteria for the analytical data were met.

Completeness is defined as the percentage of the sample results that have been determined to be usable during the data validation process. The percent usability, or completeness was 100% for volatile and PCB data. Therefore, the analytical data are of sufficient quality to be used for qualitative and quantitative purposes.

APPENDIX I-5

**Data Validation Report for Ground Water Samples
March 12 to 14, 1996**

Appendix I-5

**Fort Edward RI/FS
Data Validation Report**

*General Electric Company
Transmission Systems
Fort Edward, New York*

January 1997



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Executive summary

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study at the General Electric Company (GE) Fort Edward, NY facility. Sample collection activities were conducted from March 12 to 14, 1996.

Five ground water samples collected for this investigation were analyzed for volatile organics and polychlorinated biphenyls (PCBs). Sample analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York. The analyses were performed in accordance with the protocols specified within the New York Department of Environmental Conservation Analytical Services Protocol Methods 624 and 608, and the Quality Assurance Project Plan developed for this investigation. The analytical data were evaluated based on method criteria and were qualified based on validation criteria established by United States Environmental Protection Agency Region II.

Overall, 100 percent of the analytical data were determined to be usable for quantitative and qualitative purposes. For the volatile organics data, 2.9 percent were qualified as approximate due to continuing calibration criteria deviations. For the PCB data, 8.6 percent were qualified as approximate due to compound confirmation excursions.

1. Introduction

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS) at the General Electric Company (GE) Fort Edward, New York facility. Sample collection activities were conducted from March 12 to 14, 1996. The quantity and types of samples that were submitted for data validation are presented in Table 1-1.

Table 1-1. *Sample cross reference list*

Sample Matrix	Collection Date	Client Identification	Project ID	Laboratory Identification
Ground Water	3/11/96	GM11D, S-1	GM11D, S-1	960314A01
	3/13/96	GM11D, S-2		960314A02
		GM11D, X-1		960314A03
		Trip Blank		960314A04
	3/14/96	GM11D, S-3		960314A05
		GM11D, S-4		960314A06
		Trip Blank		960314A07

1.1. General considerations

Validation is a process of determining the suitability of a measurement system for providing useful analytical data. Although the term is frequently used in discussing methodologies, it applies to all aspects of the analytical system and especially to samples, their measurement, and the actual data output. Accordingly, this report outlines excursions from the applicable quality control criteria outlined in the USEPA methods used in the analyses and the following document:

- *Contract Laboratory Program (CLP) Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992.

The amended laboratory data sheets resulting from this validation are presented in Appendix K.

1.2. Analytical methods

Ground water samples were analyzed for volatile organics and PCBs in accordance with the method protocols specified by USEPA Methods 624¹ and 608 (modified)², quality control protocols specified by the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocols (ASP) September 1989 with 12/91 Revisions³, and the Quality Assurance Project Plan (QAPP)⁴ developed for this investigation. Laboratory analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York.

The following sections of this document address distinct aspects of the validation process. Chapter 2 lists the data quality assurance/quality control (QA/QC) protocols used to validate the sample data. Specific QA/QC deviations and qualifications performed on the sample data are discussed in Chapter 3. Data completeness and usability are discussed in Chapter 4.

¹USEPA, 1985. *Federal Register*, V. 50, No. 3.

²USEPA, 1984. *Federal Register*, V. 49, No. 209

³*Exhibit E of New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP)*, NYSDEC September 1989, 12/91 Revisions.

⁴*Quality Assurance Project Plan (QAPP) for the Remedial Investigation/Feasibility Study*, General Electric Company, Fort Edward, New York, O'Brien & Gere Engineers, Inc. July 1995; Revised August, 1995.

2. Data validation protocols

The validation of volatile organic and PCB analyses for this project followed the requirements presented in the analytical methodology, the QAPP written for this project, and the data validation guidelines. Qualification of sample data was based on the validation guidelines presented in *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992. The following QA/QC parameters were evaluated for organics analyses:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. Blank Analysis
5. GC Instrument Performance or GC/MS Tuning Criteria
6. Analytical Sequence, if applicable
7. Target Compound List Analytes
8. Tentatively Identified Compounds
9. Compound Quantitation and Reported Detection Limits
10. Initial Calibration
11. Continuing Calibration
12. Internal Standard Recovery, if applicable
13. Laboratory Control Sample Analysis
14. Field Duplicate Analysis
15. System Performance
16. Documentation Completeness

The following qualifiers have been used in this data validation:

- U Indicates that the analyte was analyzed for, but was not detected. The sample-specific reporting limit is presented and adjusted for dilution, as appropriate. This qualifier is also used to signify that the detection limit of an analyte was raised due to blank contamination.
- J Indicates that the concentration should be considered approximate. This qualifier indicates that the data validation process identifies a deficiency in the data generation process.

UJ Indicates that the sample-specific reporting limit for the analyte in this sample should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.

3. Data quality evaluation

This section summarizes the QA/QC parameters, validation criteria, and qualification of sample data which occurred when the QA/QC parameters specified did not meet criteria. Samples that required qualification are identified in the following sections by the description documented on the sample chain of custody records. QA/QC excursions which did not result in qualification of sample data are not discussed. One qualifier was used for an individual sample result. When the data validation process identified several QC deficiencies, the cumulative effect of the various deviations were employed in assigning the final data qualifier.

3.1. Volatile organic analysis

The QA/QC parameters presented in Chapter 2 for volatile organics were evaluated for ground water samples. The following QA/QC parameters were found to meet validation criteria:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. Blank Analysis
5. GC/MS Tuning Criteria
6. Target Compound List Analytes
7. Tentatively Identified Compounds
8. Compound Quantitation and Reported Detection Limits
9. Initial Calibration
10. Internal Standard Recovery
11. Laboratory Control Sample Analysis
12. Field Duplicate Analysis
13. System Performance
14. Documentation Completeness

3.1.1. Continuing calibration criteria

The continuing calibration percent difference (%D) limit, as listed in the method, was exceeded for 1,1-dichloroethane. Sample results affected by this excursion were qualified based on the USEPA Region II guidelines. The sample results qualified as a result of the continuing calibration excursion are presented in Table 3-1.

Table 3-1. Continuing calibration deviations

Calibration Analysis Date	Volatile Organic	Result	Affected Samples	Action
3/18/96	1,1-dichloroethane	41.4 %D	GM11D, S-1 GM11D, S-2 GM11D, S-3 GM11D, S-4 GM11D, X-1	UJ

3.2. PCB analysis

The QA/QC parameters presented in Chapter 2 for PCBs were evaluated for ground water samples. The following QA/QC parameters were found to meet validation criteria:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. Blank Analysis
5. GC Instrument Performance
6. Analytical Sequence
7. Target Compound List Analytes
8. Initial Calibration
9. Continuing Calibration
10. Laboratory Control Sample Analysis
11. Field Duplicate Analysis
12. System Performance
13. Documentation Completeness

3.2.1. Compound quantitation and reported detection limits

Confirmation criteria for PCB Aroclor 1242 were exceeded in several samples. Due to a percent difference (%D) of 25% or greater between columns OV-17 and DB5, the detected results for PCB Aroclor 1242 in samples GM11D S-1, GM11D S-3, and GM11D S-4 were qualified as approximate. Samples that were qualified due to confirmation excursions are presented in Table 3-2.

Table 3-2. Confirmation deviations

Sample ID	PCB	Result	Action
GM11D, S-1	Aroclor 1242	26 %D	J
GM11D, S-3	Aroclor 1242	25 %D	J
GM11D, S-4	Aroclor 1242	28 %D	J

Several samples were analyzed at a dilution due to the presence of high concentrations of Aroclor 1242. Samples that required dilutions are presented in Table 3-3.

Table 3-3. Samples requiring dilutions

Sample ID	Dilution	Reason For Dilution
GM11D, S-1	1:10	Aroclor 1242 detected above the upper calibration limit
GM11D, S-2	1:5	Aroclor 1242 detected above the upper calibration limit
GM11D, X-1	1:5	Aroclor 1242 detected above the upper calibration limit

4. Summary and data usability

Begin typing text here. Replace 'X' everywhere with the chapter number. The analytical data generated through the analysis of five ground water samples collected as part of the RI/FS at the GE Fort Edward facility were evaluated based on QA/QC criteria established by USEPA methods and qualified based on USEPA Region II guidelines. Minor deficiencies in the data generation process resulted in the approximation of sample data. Approximation of a data point indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

As part of this validation, the analytical data were evaluated for completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. For these analyses, 100 percent of the volatile organic data and 100 percent of the PCB data were determined to be usable for qualitative and quantitative purposes.

The following present the adherence of the data to the precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters.

Precision is measured through field duplicate and matrix spike/matrix spike duplicate analyses. The volatile organic and PCB data were not qualified due to precision excursions in this project.

Matrix spike/matrix spike duplicate sample recoveries, surrogate recoveries, laboratory control sample recoveries, matrix spike blank recoveries, internal standard performance, and calibration criteria indicate the *accuracy* of the data. For the volatile organic data in this investigation, 2.9 percent were qualified as approximate due to calibration criteria. The PCB data were not qualified due to accuracy excursions in this project.

Holding times, sample preservation, blank analysis, and compound identification and quantification are indicators of the *representativeness* of the analytical data. For the PCB data in this investigation, 8.6 percent were qualified due to compound confirmation deviations. The volatile organic data were not qualified due to representativeness excursions in this project.

Comparability is not compromised provided that the analytical methods did not change over time. A major component of comparability is the use of standard reference materials for calibration and QC. These standards are compared to other unknowns to verify their concentrations. Since standard analytical methods and reporting procedures were consistently used by the laboratory, the comparability criteria for the analytical data were met.

Completeness is defined as the percentage of the sample results that have been determined to be usable during the data validation process. The percent usability, or completeness, of the volatile organic data was 100 percent and of the PCB data was 100 percent. Overall, the analytical data are of sufficient quality to be used for qualitative and quantitative purposes.

APPENDIX I-6

**Data Validation Report for Soil Samples
May 4 to 9, 1996**

Appendix I-6

**Fort Edward RI/FS
Data Validation Report**

*General Electric Company
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Fort Edward, New York*

January 1997



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Executive summary

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS), Building 40 program, at the GE Fort Edward, NY facility. Sample collection activities were conducted from May 4 to May 9, 1996.

Twenty-one soil samples collected for this investigation were analyzed for volatile organics and PCBs. Sample analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York. The analyses were performed in accordance with the protocols specified within the New York Department of Environmental Conservation (NYSDEC) Analytical Services Protocol, September 1989 (ASP) Methods 8240 (modified with 8021 constituents) and 8080, and the Quality Assurance Project Plan (QAPP) developed for this investigation. The analytical data were evaluated based on method criteria and were qualified based on validation criteria established by USEPA Region II.

Overall, 100 percent of the analytical data were determined to be usable for quantitative and qualitative purposes. For the volatile organics data, 1.7 percent were qualified as approximate due to laboratory control sample recovery criteria, 2.2 percent were qualified as approximate due to calibration criteria, 0.2 percent were qualified due to blank contamination, and 0.2 percent were qualified due to compound identification and quantitation deviations. The PCB data were not qualified due to deviations in this project.

1. Introduction

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS), Building 40 program, at the GE Fort Edward, NY facility. Sample collection activities were conducted from May 4 to May 9, 1996. The quantity and types of samples that were submitted for data validation are presented in Table 1-1.

Table 1-1. Sample cross reference list

Sample Matrix	Collection Date	Client Identification	Project ID	Required Analysis	Laboratory Identification
Soil	5/4/96	FM-4,S-3(5.0-7.0')	FM-1,S-4(6-7')	[8240 (with 8021 constituents) and 8080]a	960506P03
		FM-4,S-4(7.0-7.4')			960506P04
		FM-3,S-4(5.0-6.4')			960506P05
		FM-3,S-5(7-7.4')			960506P06
		FM-3,S-8(13-15')			960506P07
		FM-5,S-2(2-4')			960506P09
		FM-5,S-4(5-7')			960506P10
		FM-2,S-4(5-7')			960506P12
		Trip Blank-1			960506P13
		Equipment Blank-1			960506P11
	5/5/96	FM-1,S-4(6-7')	FM-1,S-4(6-7')	[8240 (with 8021 constituents) and 8080]a	960506P01
		FM-6,S-5(7-9')			960506P02
		Equipment Blank-2			960506P08
	5/8/96	FM-7,S-4(6-7')	FM-1,S-4(6-7')	[8240 (with 8021 constituents) and 8080]a	960509AO01
		FM-7,S-2(2-4')			960509AO02
		FM-9,S-4(6-7')			960509AO03
		FM-9,S-2(2-4')			960509AO04
		FM-8,S-5(6-8')			960509AO05
		X-1[FM-7,S-4(6-7')]			960509AO06
		Trip Blank-2			960509AO07

Table 1-1. *Sample cross reference list*

Sample Matrix	Collection Date	Client Identification	Project ID	Required Analysis	Laboratory Identification
Soil	5/9/96	FM-10,S-1(0.5-3') FM-10,S-3(5-7') FM-11,S-2(3-5') FM-11,S-3(6-6.5') FM-12,S-2(3-5') FM-12,S-4(7-9') Trip Blank	FM-10,S-1(0.5-3')	[8240 (with 8021 constituents) and 8080]a	960510T01 960510T02 960510T03 960510T04 960510T05 960510T06 960510T07

a - USEPA. 1992. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*. 3rd Edition. Washington DC:USEPA.

1.1. General considerations

Validation is a process of determining the suitability of a measurement system for providing useful analytical data. Although the term is frequently used in discussing methodologies, it applies to all aspects of the analytical system and especially to samples, their measurement, and the actual data output. Accordingly, this report outlines deviations from the applicable quality control criteria outlined in the NYSDEC ASP Methods 8240 (modified with 8021 constituents) and 8080, and the Quality Assurance Project Plan (QAPP) developed for this investigation. The analytical data were evaluated based on method criteria and were qualified based on validation criteria established in the following document:

- *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992.

The amended laboratory data sheets resulting from this validation are presented in Appendix J.

1.2. Analytical methods

Soil samples were analyzed for volatile organics and PCBs in accordance with the method protocols specified by USEPA Methods 8240 (modified

with 8021 constituents) and 8080¹, quality control protocols specified by the NYSDEC ASP², and the Quality Assurance Project Plan (QAPP)³ developed for this investigation. Laboratory analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York.

The following sections of this document addresses distinct aspects of the validation process. Chapter 2 lists the data quality assurance/quality control (QA/QC) protocols used to validate the sample data. Specific QA/QC deviations and qualifications performed on the sample data are discussed in Chapter 3. Data completeness and usability are discussed in Chapter 4.

¹USEPA. 1992. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*, 3rd Edition. Washington DC:USEPA.

²*Exhibit E of New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP)*, NYSDEC September 1989, 12/91 Revisions.

³*Quality Assurance Project Plan (QAPP) for the Remedial Investigation/Feasibility Study*, General Electric Company, Fort Edward, New York, O'Brien & Gere Engineers, Inc. July 1995; Revised August, 1995.

2. Data validation protocols

The evaluation of volatile organic and PCB analyses for this project followed the requirements presented in the NYSDEC ASP analytical methodology and the QAPP written for this project. Qualification of sample data was based on the validation guidelines presented in *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992 (USEPA Region II Guidelines). The following QA/QC parameters were evaluated for organics analyses:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. Blank Analysis
5. GC Instrument Performance or GC/MS Tuning Criteria
6. Analytical Sequence, if applicable
7. Target Compound Identification
8. Tentatively Identified Compound Identification
9. Compound Quantitation and Reported Detection Limits
10. Initial Calibration Criteria
11. Continuing Calibration Criteria
12. Internal Standard Recovery, if applicable
13. Laboratory Control Sample Analysis
14. Field Duplicate Analysis
15. System Performance
16. Documentation Completeness

The following qualifiers have been used in this data validation:

- R Indicates that the reporting limit or sample result has been determined to be unusable due to a major deficiency in the data generation process. The data should not be used for any qualitative or quantitative purposes.
- U Indicates that the analyte was analyzed for, but was not detected. The sample-specific reporting limit is presented and adjusted for

dilution, as appropriate. This qualifier is also used to signify that the detection limit of an analyte was raised due to blank contamination.

- J Indicates that the concentration should be considered approximate. This qualifier indicates that the data validation process identifies a deficiency in the data generation process.
- UJ Indicates that the sample-specific reporting limit for the analyte in this sample should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.

3. Data quality evaluation

This section summarizes the QA/QC parameters, validation criteria, and qualification of sample data which occurred when the QA/QC parameters specified did not meet criteria. Samples that required qualification are identified in the following sections by the description documented on the sample chain of custody records. QA/QC deviations which did not result in qualification of sample data are not discussed. One qualifier was used for an individual sample result. When the data validation process identified several QC deficiencies, the cumulative effect of the various deviations were employed in assigning the final data qualifier.

3.1. Volatile organic analysis

The QA/QC parameters presented in Chapter 2 for volatile organics were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. GC/MS Tuning Criteria
5. Tentatively Identified Compound Identification
6. Compound Quantitation
7. Internal Standard Recovery
8. Field Duplicate Analysis
9. System Performance
10. Documentation Completeness

3.1.1. Blank analysis

Methylene chloride and chloroform was detected in blank samples. In addition, tentatively identified compounds (TICs) were detected in several

blanks. In accordance with the Region II Guidelines, blank action levels were calculated at ten times the blank concentration for methylene chloride, and at five times the blank concentration for chloroform and TICs. Detected sample results which were less than the blank action levels for methylene chloride and chloroform were qualified with a "U" in the associated samples. The detected sample result for chloroform in sample FM-5,S-2 (2-4') was reported at the contract required quantitation limit (CRQL) since the concentration of chloroform was reported by the laboratory to be less than the CRQL. Results which were less than the blank action level for the TICs were determined to be unusable. The samples qualified due to blank contamination are tabulated below in Table 3-1.

Table 3-1. *Blank analysis deviations*

Blank ID (Date Analyzed)	Analyte	Detected Concentration	Affected Samples	Action
VBLK01 (5/10/96)	methylene chloride	16 ug/Kg	FM-5,S-2(2-4') FM-3,S-8(13-15')	U U
VBLK01 (5/10/96)	chloroform	2 ug/Kg	FM-5,S-2(2-4')	5 ug/Kg U
Trip Blank-1 (5/13/96)	siloxane (TIC)	20 µg/L	FM-5,S-2(2-4')	R
VBLK04 (5/14/96)	TIC at 28.59 minutes	4000 ug/Kg	FM-10,S-3(5-7')	R

3.1.2. Target compound identification

In accordance with USEPA Method 8240 protocol, the identification of target compounds was based on comparison of sample and standard retention times and mass spectra. A retention time shift was observed between the sample and the associated standard for p-cymene in the following samples: FM-1,S-4(6-7'), FM-2,S-4(5-7'), FM-3, S-4(5-6.4'), FM-4, S-3(5-7'), FM-4,S-4(7-7.4'), FM-7,S-4(6-7'), FM-8,S-5(6-8'). A retention time shift was observed between the sample and the associated standard for 1,3,5-trimethylbenzene in the sample FM-2,S-4(5-7'). However, since the mass spectra for these compounds met criteria, the results for p-cymene and 1,3,5-trimethylbenzene in the samples were not qualified.

The reported result for naphthalene in sample FM-10,S-1(0.5-3') was determined to be nondetected, and was qualified as "U", since the mass spectrum and retention time did not meet identification criteria. The reported result for total xylenes in sample FM-11,S-3(6-6.5') was determined to be nondetected, and was qualified as "U", since the retention time did not meet identification criteria, and the mass spectrum had been misidentified.

3.1.3. Compound quantitation and reported detection limits

Several samples were analyzed at a dilution, using the medium level extraction technique, due to the presence of target compounds that exceeded the calibration range. Samples that required dilutions are presented in Table 3-2.

Table 3-2. Samples requiring dilutions

Sample ID	Dilution	Reason For Dilution
FM-1,S-4(6-7')	Medium level extraction with additional 1:2 dilution of the extract	Target compound detected above the upper calibration limit
FM-2,S-4(5-7')	Medium level extraction	Target compound detected above the upper calibration limit
FM-3,S-4(5-6')	Medium level extraction	Target compound detected above the upper calibration limit
FM-3,S-5(7-7.4')	Medium level extraction	Target compound detected above the upper calibration limit
FM-4,S-3(5-7')	Medium level extraction	Target compound detected above the upper calibration limit
FM-4,S-4(7-7.4')	Medium level extraction	Target compound detected above the upper calibration limit
FM-5,S-4(5-7')	Medium level extraction	Target compound detected above the upper calibration limit
FM-6,S-5(7-9')	Medium level extraction with additional 1:2 dilution of the extract	Target compound detected above the upper calibration limit
FM-7,S-4(6-7')	Medium level extraction	Target compound detected above the upper calibration limit
FM-9,S-4(6-7')	Medium level extraction with additional 1:2 dilution of the extract	Target compound detected above the upper calibration limit
X-1[FM-7,S-4(6-7')]	Medium level extraction	Target compound detected above the upper calibration limit
FM-10,S-3(5-7')	Medium level extraction	Target compound detected above the upper calibration limit
FM-11,S-2(3-5')	Medium level extraction	Target compound detected above the upper calibration limit
FM-11,S-3(6-6.5')	Medium level extraction	Target compound detected above the upper calibration limit

Table 3-2. *Samples requiring dilutions*

Sample ID	Dilution	Reason For Dilution
FM-12,S-2(3-5')	Medium level extraction	Target compound detected above the upper calibration limit
FM-12,S-4(7-9')	Medium level extraction	Target compound detected above the upper calibration limit

The concentration of naphthalene in sample FM-9, S-4(6-7') was reported to be higher than the upper limit of the calibration curve, and the result was qualified as "E" by the laboratory to indicate this deviation. Since a further dilution was not performed by the laboratory, the detected result for naphthalene was qualified as approximate during the data validation process.

3.1.4. Initial calibration criteria

The initial calibration criterium of 20.5 percent relative standard deviation (%RSD) for vinyl chloride, as listed in the NYSDEC ASP, was exceeded in the calibration analyzed on 5/10/96. Since the calibration deviation also exceeded the USEPA Region II Guidelines criteria, the nondetected results for vinyl chloride in several samples were qualified as approximate, as tabulated in Table 3-3.

Table 3-3. *Initial calibration deviations*

Date calibration analyzed	Analyte	Result	Affected Samples	Action
5/10/96	vinyl chloride	34.1 %RSD	FM-5,S-2(2-4') FM-3,S-8(13-15')	UJ

3.1.5. Continuing calibration criteria

The continuing calibration percent difference (%D) limit, as listed in the NYSDEC ASP, was exceeded for several compounds. Since these calibration deviations also exceeded the USEPA Region II Guidelines criteria, the sample results were qualified as approximate, as tabulated in Table 3-4.

Table 3-4. Continuing calibration deviations

Date Continuing Calibration Analyzed	Analyte	Result	Affected Samples	Action
5/10/96	bromomethane	32.1 %D	FM-5,S-2(2-4')	UJ
	1,1-dichloroethane	34.6 %D	FM-3,S-8(13-15')	UJ
5/13/96	1,1-dichloroethane	37.5 %D	FM-4,S-4(7-7.4')	UJ
			FM-5,S-4(5-7')	UJ
			FM-2,S-4(5-7')	UJ
			FM-3,S-4(5-6.4')	UJ
			FM-4,S-3(5-7')	UJ
			FM-3,S-5(7-7.4')	UJ
			FM-6,S-5(7-9')	UJ
			FM-1,S-4(6-7')	UJ
5/15/96	toluene	26.5 %D	FM-7,S-4(6-7')	UJ
			FM-9,S-4(6-7')	UJ
			X-1[FM-7,S-4(6-7')]	J
5/16/96	chloroform	26.2 %D	FM-7,S-2(2-4')	UJ
			FM-9,S-2(2-4')	UJ
			FM-8,S-5(6-8')	UJ
5/15/96	toluene	26.5 %D	FM-10,S-3(5-7')	UJ
			FM-11,S-2(3-5')	J
			FM-11,S-3(6-6.5')	J
			FM-12,S-4(7-9')	J
5/15/96	chlorobenzene	25.1 %D	FM-10,S-3(5-7')	UJ
			FM-11,S-2(3-5')	UJ
			FM-11,S-3(6-6.5')	UJ
			FM-12,S-4(7-9')	UJ
5/16/96	chloroform	26.2 %D	FM-10,S-1(0.5-3')	UJ

3.1.6. Laboratory control sample (LCS) analysis

The percent recovery (%R) criteria for several compounds exceeded recovery limits established by the laboratory. Compounds qualified as approximate due to LCS deviations are tabulated in Table 3-5.

Table 3-5. Laboratory control sample deviations

LCS ID (Date Analyzed)	Analyte	Result	Affected Samples	Action
C1031 (5/11/96)	vinyl acetate	42 %R	FM-5,S-2(2-4')	UJ
			FM-3,S-8(13-15')	UJ
C1063 (5/13/96)	vinyl acetate	24 %R	FM-5,S-2(2-4')	J
			FM-4,S-4(7-7.4')	UJ
			FM-5,S-4(5-7')	UJ
			FM-2,S-4(5-7')	UJ
			FM-3,S-4(5-6.4')	UJ
			FM-4,S-3(5-7')	UJ
			FM-3,S-5(7-7.4')	UJ
			FM-6,S-5(7-9')	UJ
			FM-1,S-4(6-7')	UJ
D0959 (5/17/96)	acetone	30 %R	FM-7,S-2(2-4')	UJ
	trichlorofluoromethane	26 %R	FM-9,S-2(2-4')	UJ
			FM-8,S-5(6-8')	UJ
			FM-10,S-1(0.5-3')	UJ
	naphthalene	194 %R	FM-8,S-5(6-8')	J
			FM-10,S-1(0.5-3')	J
C0185 (5/14/96)	vinyl acetate	40 %R	FM-12,S-2(3-5')	UJ

3.2. PCB analysis

The QA/QC parameters presented in Chapter 2 for PCBs were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. Blank Analysis
5. GC Instrument Performance
6. Analytical Sequence
7. Target Compound Identification
8. Compound Quantitation and Reported Detection Limits

9. Initial Calibration Criteria
10. Continuing Calibration Criteria
11. Laboratory Control Sample Analysis
12. Field Duplicate Analysis
13. System Performance
14. Documentation Completeness

Qualification of sample results was not required.

4. Summary and data usability

The analytical data generated through the analysis of 21 soil samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS) at the GE Fort Edward facility were evaluated based on QA/QC criteria established by USEPA methods and qualified based on USEPA Region II guidelines. Data were qualified with an "R", indicating that the data is unusable for either qualitative or quantitative purposes, if a major deficiency was noted in the data generation process. Minor deficiencies in the data generation process resulted in the approximation of sample data. Approximation of a data point indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

As part of this validation, the analytical data were evaluated for completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. For these analyses, 100 percent of the volatile organic data and 100 percent of the PCB data were determined to be usable for qualitative and quantitative purposes.

The following present the adherence of the data to the precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters.

Precision is measured through field duplicate and matrix spike/matrix spike duplicate analyses. The volatile organic and PCB data were not qualified due to precision deviations in this project.

Matrix spike/matrix spike duplicate sample recoveries, surrogate recoveries, laboratory control sample recoveries, matrix spike blank recoveries, internal standard performance, and calibration criteria indicate the *accuracy* of the data. For the volatile organic data in this investigation, 1.7 percent were qualified as approximate due to laboratory control sample recovery criteria, and 2.2 percent were qualified as approximate due to calibration criteria. The PCB data were not qualified due to accuracy deviations in this project.

Holding times, sample preservation, blank analysis, and compound identification and quantification are indicators of the *representativeness* of

the analytical data. For the volatile data in this investigation, 0.2 percent were qualified due to blank contamination, and 0.2 percent were qualified due to compound identification and quantitation deviations. The PCB data were not qualified due to representativeness deviations in this project.

Comparability is not compromised provided that the analytical methods did not change over time. A major component of comparability is the use of standard reference materials for calibration and QC. These standards are compared to other unknowns to verify their concentrations. Since standard analytical methods and reporting procedures were consistently used by the laboratory, the comparability criteria for the analytical data were met.

Completeness is defined as the percentage of the sample results that have been determined to be usable during the data validation process. The percent usability, or completeness, of the volatile organic data was 100 percent and of the PCB data was 100 percent. Overall, the analytical data are of sufficient quality to be used for qualitative and quantitative purposes.

APPENDIX I-7

**Data Validation Report for Soil Samples
May 20 to 22, 1996**

Appendix I-7

**Fort Edward RI/FS
Data Validation Report**

*General Electric Company
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Fort Edward, New York*

January 1997



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Executive summary

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS), for the Leach Field and DNAPL programs at the GE Fort Edward, NY facility. Sample collection activities were conducted from May 20 to May 22, 1996.

Three soil samples collected for this investigation were analyzed for polynuclear aromatic hydrocarbons (PAHs), four soils collected as part of the Leach Field program were analyzed for volatile organics and polychlorinated biphenyls (PCBs), and two soils collected as part of the DNAPL program were analyzed for volatile organics and PCBs. Sample analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York. The analyses were performed in accordance with the protocols specified within the New York Department of Environmental Conservation Analytical Services Protocol, September 1989 Methods 8240 (modified with 8021 constituents), 8270 and 8080, and the Quality Assurance Project Plan developed for this investigation. The analytical data were evaluated based on method criteria and were qualified based on validation criteria established by United States Environmental Protection Agency Region II.

Overall, 98.3 of the volatile organics data and 100 percent of the PAH and PCB analytical data were determined to be usable for quantitative and qualitative purposes. For the volatile organics data in this investigation, 16.7 percent were qualified as approximate due to surrogate recovery criteria deviations, 7.4 percent were qualified as approximate due to internal standard performance deviations, 1.6 percent were qualified as approximate due to calibration criteria deviations, 0.3 percent were qualified due to blank contamination, and 1.6 percent were determined to be unusable due to low initial calibration response factors. For the PAH data, 5 percent of the data were qualified as approximate due to continuing calibration deviations. The PCB data were not qualified since there were no excursions in this project.

1. Introduction

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS), for the Leach Field and DNAPL programs, at the GE Fort Edward, NY facility. Sample collection activities were conducted from May 20 to May 22, 1996. The quantity and types of samples that were submitted for data validation are presented in Table 1-1.

Table 1-1. Sample cross reference list

Sample Matrix	Collection Date	Client Identification	Project ID	Required Analysis	Laboratory Identification
Soil	5/20/96	OBG-70,S-2a(2-3.2') OBG-71,S-2(2-3.1') OBG-69,S-1b(2.5-3.3')	LF-1,S-3(6-7.9')	8270 (PAHS)a	960521AD01 960521AD02 960521AD03
Soil	5/21/96	LF-1,S-3(6-7.9') LF-2,S-2(4-5.6') X-1[LF-3,S-3(8-9.6')]	LF-1,S-3(6-7.9')	[8240 (with 8021 constituents), 8080 (PCBs)]a	960523G04 960523G05 960523G06
Soil	5/22/96	LF-3,S-3(8-9.6') LF-4,S-2(4-5.9')	LF-1,S-3(6-7.9')	[8240 (with 8021 constituents), 8080 (PCBs)]a	960523G01 960523G03
Soil	5/22/96	SB-79,S-1(Composite) SB-79,S-2(Composite) Equipment Blank-1 Trip Blank-1	LF-1,S-3(6-7.9')	[8240 (with 8021 constituents)]a	960523W03 960523W04 960523G02 960521AD04
Soil	5/22/96	SB-79,S-1(1-9') SB-79,S-2(12-22')	LF-1,S-3(6-7.9')	[8080 (PCBs)]a	960523W01 960523W02

a - USEPA. 1992. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*, 3rd Edition. Washington DC.

1.1. General considerations

Validation is a process of determining the suitability of a measurement system for providing useful analytical data. Although the term is frequently used in discussing methodologies, it applies to all aspects of the analytical system and especially to samples, their measurement, and the actual data output. Accordingly, this report outlines excursions from the applicable quality control criteria outlined in the NYSDEC ASP Methods 8240 (modified with 8021 constituents), 8270, and 8080, and the Quality Assurance Project Plan (QAPP) developed for this investigation. The analytical data were evaluated based on method criteria and were qualified based on validation criteria established in the following document:

- *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992.

The amended laboratory data sheets resulting from this validation are presented in Appendix J.

1.2. Analytical methods

Soil samples were analyzed for volatile organics, PAHs and PCBs in accordance with the method protocols specified by USEPA Methods 8240 (modified with 8021 constituents), 8270 and 8080¹, quality control protocols specified by the NYSDEC ASP², and the QAPP³ developed for this investigation. Laboratory analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York.

The following sections of this document address distinct aspects of the validation process. Chapter 2 lists the data quality assurance/quality

¹USEPA. 1992. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*, 3rd Edition. Washington DC.

²*Exhibit E of New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP)*, NYSDEC September 1989, December 1991 Revisions.

³*Quality Assurance Project Plan (QAPP) for the Remedial Investigation/Feasibility Study*, General Electric Company, Fort Edward, New York, O'Brien & Gere Engineers, Inc. July 1995; Revised August, 1995.

control (QA/QC) protocols used to validate the sample data. Specific QA/QC deviations and qualifications performed on the sample data are discussed in Chapter 3. Data completeness and usability are discussed in Chapter 4.

2. Data validation protocols

The evaluation of volatile organic, PAHs and PCB analyses for this project followed the requirements presented in the NYSDEC ASP analytical methodology and the QAPP written for this project. Qualification of sample data was based on the validation guidelines presented in *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992 (USEPA Region II Guidelines). The following QA/QC parameters were evaluated for organics analyses:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. Blank Analysis
5. GC Instrument Performance or GC/MS Tuning Criteria
6. Analytical Sequence, if applicable
7. Target Compound Identification
8. Tentatively Identified Compound Identification
9. Compound Quantitation and Reported Detection Limits
10. Initial Calibration Criteria
11. Continuing Calibration Criteria
12. Internal Standard Recovery, if applicable
13. Laboratory Control Sample Analysis
14. Field Duplicate Analysis
15. System Performance
16. Documentation Completeness

The following qualifiers have been used in this data validation:

- R Indicates that the reporting limit or sample result has been determined to be unusable due to a major deficiency in the data generation process. The data should not be used for any qualitative or quantitative purposes.
- U Indicates that the analyte was analyzed for, but was not detected. The sample-specific reporting limit is presented and adjusted for

- dilution, as appropriate. This qualifier is also used to signify that the detection limit of an analyte was raised due to blank contamination.
- J Indicates that the concentration should be considered approximate. This qualifier indicates that the data validation process identifies a deficiency in the data generation process.
- UJ Indicates that the sample-specific reporting limit for the analyte in this sample should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.

3. Data quality evaluation

This section summarizes the QA/QC parameters, validation criteria, and qualification of sample data which occurred when the QA/QC parameters specified did not meet criteria. Samples that required qualification are identified in the following sections by the description documented on the sample chain of custody records. QA/QC excursions which did not result in qualification of sample data are not discussed. One qualifier was used for an individual sample result. When the data validation process identified several QC deficiencies, the cumulative effect of the various deviations were employed in assigning the final data qualifier.

3.1. Volatile organic analysis

The QA/QC parameters presented in Chapter 2 for volatile organics were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

1. Holding Times and Preservation
2. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
3. GC/MS Tuning Criteria
4. Target Compound Identification
5. Tentatively Identified Compound Identification
6. Compound Quantitation and Reported Detection Limits
7. Continuing Calibration Criteria
8. Laboratory Control Sample Analysis
9. Field Duplicate Analysis
10. System Performance
11. Documentation Completeness

3.1.1. Surrogate recovery

The percent recovery (%R) for toluene-d8 in sample LF-2,S-2(4'-5.6'), was reported to be 78 %R, which was less than the method control limit of 84-138 %R. As a result of the low surrogate recovery, in accordance with USEPA Region II guidelines, the 61 nondetected compounds in sample LF-2,S-2(4'-5.6') were qualified as approximate.

3.1.2. Blank analysis

Naphthalene was detected in the method blank analyzed on 5/29/96 at a concentration of 4 ug/Kg. In accordance with the USEPA Region II Guidelines, the blank action level was calculated at five times the blank concentration for naphthalene. The detected result in sample LF-4,S-2(4'-5.9'), which was less than the blank action level for naphthalene, was qualified as "6U" as a result of the blank contamination.

3.1.3. Initial calibration criteria

The initial calibration criterium of 20.5 percent relative standard deviation (%RSD) for 1,1-dichloroethane, and the response factor (RF) criterion of 0.1 for vinyl chloride, as listed in the NYSDEC ASP, were exceeded in the calibration analyzed on 5/29/96. Since the calibration deviations also exceeded the USEPA Region II Guidelines criteria, the nondetected results for 1,1-dichloroethane were qualified as approximate in several samples, and the nondetected results for vinyl chloride in several samples were determined to be unusable, as tabulated in Table 3-1.

Table 3-1. *Initial calibration deviations*

Date calibration analyzed	Analyte	Result	Affected Samples	Action
5/29/96	1,1-dichloroethane	31.4 %RSD	LF-4,S-2(4-5.9') LF-1,S-3(6-7.9') LF-2,S-2(4-5.6') X-1[LF-3,S-3(8-9.6')] SB-79,S-1(Composite) SB-79,S-2(Composite)	UJ
	vinyl chloride	0.038 RF	LF-4,S-2(4-5.9') LF-1,S-3(6-7.9') LF-2,S-2(4-5.6') X-1[LF-3,S-3(8-9.6')] SB-79,S-1(Composite) SB-79,S-2(Composite)	R

3.1.4. Internal standard recovery

The area of internal standard chlorobenzene-d5 in sample X-1[LF-3,S-3(8-9.6')] was reported at 15051, which was less than the method criteria of 50% of the associated continuing calibration internal standard area. As a result of the low internal standard area recovery, in accordance with USEPA Region II guidelines, the compounds quantitated with chlorobenzene-d5, as tabulated in Table 3-2 were qualified as approximate.

Table 3-2. *Internal standard deviations*

Sample ID	Internal Standard	Area	Affected Analytes	Action
X-1[LF-3,S-3(8-9.6')]	chlorobenzene-d5	15051	2-hexanone 4-methyl-2-pentanone tetrachloroethene 1,1,2,2-tetrachloroethane ethylene dibromide toluene chlorobenzene 1,1,1,2-tetrachloroethane ethylbenzene styrene xylenes isopropylbenzene n-propylbenzene bromobenzene 1,3,5-trimethylbenzene 2-chlorotoluene 4-chlorotoluene tert-butylbenzene 1,2,4-trimethylbenzene sec-butylbenzene p-cymene n-butylbenzene 1,2-dibromo-3-chloro-propane 1,2,4-trichlorobenzene hexachlorobutadiene naphthalene 1,2,3-trichlorobenzene	UJ

3.2. Semivolatile organic analysis (PAHs)

The QA/QC parameters presented in Chapter 2 for semivolatile organics were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. Blank Analysis
5. GC/MS Tuning Criteria
6. Target Compound Identification
7. Tentatively Identified Compound Identification
8. Compound Quantitation and Reported Detection Limits
9. Initial Calibration Criteria
10. Internal Standard Recovery
11. Laboratory Control Sample Analysis
12. Field Duplicate Analysis
13. System Performance
14. Documentation Completeness

3.2.1. Continuing calibration criteria

The continuing calibration criterion of 25 percent difference (%D) for 2,4-dinitrotoluene, as listed in the NYSDEC ASP, was exceeded in the calibration analyzed on 6/4/96. Since the calibration deviation also exceeded the USEPA Region II Guidelines criteria, the nondetected results for 2,4-dinitrotoluene in several samples were qualified as approximate, as tabulated in Table 3-3.

Table 3-3. *Continuing calibration deviations*

Date calibration analyzed	Analyte	Result	Affected Samples	Action
6/4/96	2,4-dinitrotoluene	28.5 %D	OBG-69,S-1b(2.5-3.3') OBG-70,S-2a(2-3.2') OBG-71,S-2(2-3.1')	UJ

3.3. PCB analysis

The QA/QC parameters presented in Chapter 2 for PCBs were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. Blank Analysis
5. GC Instrument Performance
6. Analytical Sequence
7. Target Compound Identification
8. Compound Quantitation
9. Initial Calibration Criteria
10. Continuing Calibration Criteria
11. Laboratory Control Sample Analysis
12. Field Duplicate Analysis
13. System Performance
14. Documentation Completeness

Qualification of sample results was not required.

3.3.1. Compound reported detection limits

The PCB results for sample LF-1,S-3(6'-7.9') were reported at elevated detection limits since the sample was analyzed at a 1:20 dilution. The dilution was performed as a result of the presence of target compounds at concentrations above the upper calibration range.

4. Summary and data usability

The analytical data generated through the analysis of soil samples collected as part of the RI/FS at the GE Fort Edward facility were evaluated based on QA/QC criteria established by USEPA methods and qualified based on USEPA Region II guidelines. Data were qualified with an "R", indicating that the data is unusable for either qualitative or quantitative purposes, if a major deficiency was noted in the data generation process. Minor deficiencies in the data generation process resulted in the approximation of sample data. Approximation of a data point indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

As part of this validation, the analytical data were evaluated for completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. For these analyses, 98.3 percent of the volatile organic data, 100 percent of the PAH data, and 100 percent of the PCB data were determined to be usable for qualitative and quantitative purposes. For the volatile analysis, 1.6 percent of the data were determined to be unusable due to initial calibration deviations.

The following present the adherence of the data to the precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters.

Precision is measured through field duplicate and matrix spike/matrix spike duplicate analyses. The volatile organic, PAH, and PCB data since there were no precision deviations in this project.

Matrix spike/matrix spike duplicate sample recoveries, surrogate recoveries, laboratory control sample recoveries, matrix spike blank recoveries, internal standard performance, and calibration criteria indicate the *accuracy* of the data. For the volatile organic data in this investigation, 16.7 percent were qualified as approximate due to surrogate recovery criteria deviations, 7.4 percent were qualified as approximate due to internal standard performance deviations, 1.6 percent were qualified as approximate due to calibration criteria deviations, and 1.6 percent were determined to be unusable due to low initial calibration response factors. For the PAH data, 5 percent of the data were qualified as approximate due

4. Summary and data usability

The analytical data generated through the analysis of soil samples collected as part of the RI/FS at the GE Fort Edward facility were evaluated based on QA/QC criteria established by USEPA methods and qualified based on USEPA Region II guidelines. Data were qualified with an "R", indicating that the data is unusable for either qualitative or quantitative purposes, if a major deficiency was noted in the data generation process. Minor deficiencies in the data generation process resulted in the approximation of sample data. Approximation of a data point indicates uncertainty in the reported concentration of the chemical, but not its assigned identity.

As part of this validation, the analytical data were evaluated for completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. For these analyses, 98.3 percent of the volatile organic data, 100 percent of the PAH data, and 100 percent of the PCB data were determined to be usable for qualitative and quantitative purposes. For the volatile analysis, 1.6 percent of the data were determined to be unusable due to initial calibration deviations.

The following present the adherence of the data to the precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters.

Precision is measured through field duplicate and matrix spike/matrix spike duplicate analyses. The volatile organic, PAH, and PCB data since there were no precision deviations in this project.

Matrix spike/matrix spike duplicate sample recoveries, surrogate recoveries, laboratory control sample recoveries, matrix spike blank recoveries, internal standard performance, and calibration criteria indicate the *accuracy* of the data. For the volatile organic data in this investigation, 16.7 percent were qualified as approximate due to surrogate recovery criteria deviations, 7.4 percent were qualified as approximate due to internal standard performance deviations, 1.6 percent were qualified as approximate due to calibration criteria deviations, and 1.6 percent were determined to be unusable due to low initial calibration response factors. For the PAH data, 5 percent of the data were qualified as approximate due

APPENDIX I-8

**Data Validation Report for Ground Water Samples
June 18 to 20 and October 4, 1996**

Appendix I-8

**Fort Edward RI/FS
Data Validation Report**

*General Electric Company
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January 1997



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Executive summary

This report addresses data quality for samples collected as part of the Expanded Remedial Investigation/Feasibility Study Ground water Sampling program, at the GE Fort Edward, NY facility. Sample collection activities were conducted from June 18 to 26 and October 4, 1996.

Sixty-four groundwater samples collected for this investigation were analyzed for volatile organics and polychlorinated biphenyls (PCBs). Sample analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York. The analyses were performed in accordance with the protocols specified within the New York Department of Environmental Conservation Analytical Services Protocol, September 1989 Method 624 (modified with SW846 method SW8021 constituents), Method 608, and the Quality Assurance Project Plan developed for this investigation. The analytical data were evaluated based on method criteria and were qualified based on validation criteria established by United States Environmental Protection Agency Region II.

Overall, 100 of the volatile and PCB analytical data were determined to be usable for quantitative and qualitative purposes. For the volatile organic data in this investigation, 0.2 percent were qualified due to blank contamination, 0.8 percent were qualified as approximate due to continuing calibration excursions, 0.05 percent were qualified as approximate due to compound quantitation excursions, and 0.08 percent were qualified as non-detect due to compound identification excursions. The PCB data were not qualified due to excursions in this project.

1. Introduction

This report addresses data quality for samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS), Ground water Sampling program, at the GE Fort Edward, NY facility. Sample collection activities were conducted from June 18 to June 26, 1996. The quantity and types of samples that were submitted for data validation are presented in Table 1-1.

Table 1-1. *Sample cross reference list*

Sample Matrix	Collection Date	Client Identification	Project ID	Required Analysis	Laboratory Identification
Groundwater	6/18/96	OBG-84	SDG-42S	[624 (modified with SW8021 constituents)a], [608]b	960619Q01
		OBG-85			960619Q02
		OBG-77			960619Q03
		OBG-76			960619Q04
		OBG-87 (76 Dup)			960619Q05
		OBG-42S			960619Q06
		OBG-53S			960619Q08
		OBG-69			960619Q09
		OBG-70			960619Q10
		Trip Blank			
Groundwater	6/19/96	OBG-56S	SDG-15BD	[624 (modified with SW8021 constituents)a]	960620S12
Groundwater	6/19/96	OBG-67	SDG-15BD	[624 (modified with SW8021 constituents)a], [608]b	960620S01
		OBG-54S			960620S02
		OBG-15BS			960620S03
		OBG-15BD			960620S04
		OBG-42BD			960620S05
		OBG-68			960620S06
		OBG-46BS			960620S07
		OBG-80			960620S08
		OBG-81			960620S09
		OBG-56S			960620S12
		OBG-46BD			960620S10
		OBG-43BD			960620S11
		Trip Blank			960620S13

General Electric - Fort Edward RI/FS Data Validation Report

Table 1-1. *Sample cross reference list*

Sample Matrix	Collection Date	Client Identification	Project ID	Required Analysis	Laboratory Identification
Groundwater	6/20/96	OBG-51S	SDG-42S	[624 (modified with SW8021 constituents)a], [608]b	960621G01
		OBG-52S			960621G02
		OBG-71			960621G03
		OBG-72BS			960621G04
		OBG-73BI			960621G05
		OBG-74BI			960621G06
		OBG-43BS			960621G07
		OBG-72BI			960621G08
		OBG-73BS			960621G09
		Trip Blank			960621G10
Groundwater	6/21/96	FM-8	SDG-FM-8	[624 (modified with SW8021 constituents)a], [608]b	960625E05
	6/24/96	OBG-26T			960621AX10
		OBG-46BI			960621AX05
		OBG-49BD			960621AX04
		OBG-55S			960625E03
		OBG-62			960625E04
		OBG-63			960621AX08
		OBG-64			960621AX09
		OBG-65			960625E01
		OBG-66			960625E02
		OBG-74BS			960621AX07,
					960625E06
		OBG-75BI			960621AX02
		OBG-75BS			960625E07
		OBG-82			960621AX01
		OBG-88			960621AX03
		OBG-89			960621AX06
		Trip Blank			960621AX11
		Trip Blank			960625E08

Table 1-1. Sample cross reference list

Sample Matrix	Collection Date	Client Identification	Project ID	Required Analysis	Laboratory Identification
Grounwater	6/25/96	FM-1	SDG-FM-1	[624 (modified with SW8021 constituents)a], [608]b	960626V01
		FM-2			960626D06
		FM-5			960626V06
		FM-6			960626D07
		FM-7			960626V02
		FM-9			960626V03
		FM-10			960626V05
		FM-11			960626D05
		FM-12 (Prod)			960626V08
		FM-5 (Prod)			960626V09
		OBG-47BS			960626D04
		OBG-49BS			960626D11
		OBG-50S			960626D01
		OBG-56S			960626D02
		OBG-83			960626D03
		Trip Blank1			960626D10
		Trip Blank2			960626V07
Groundwater	6/26/96	FM-5 (water)	SDG-FM-5	[624 (modified with SW8021 constituents)a], [608]b	960626BH04
		OBG-26BD			960626BH01
		OBG-49BS			960626BH02
		OBG-75BS			960626BH03
		Trip Blank			960626BH05
Groundwater	10/4/96	OBG-78	SDG:OBG-78	{624 (modified with SW8021 constituents)a], [608]b	961004AL01
		OBG-79			961004AL02
		Trip Blank			961004AL03

a - Federal Register, Volume 50, Number 3, January 4, 1985. Washington DC:USEPA.

b - Federal Register, Volume 49, Number 209, October 26, 1984. Washington DC:USEPA.

c - USEPA. 1992. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*, 3rd Edition. Washington DC:USEPA

1.1. General considerations

Validation is a process of determining the suitability of a measurement system for providing useful analytical data. Although the term is frequently used in discussing methodologies, it applies to all aspects of the analytical system and especially to samples, their measurement, and the actual data output. Accordingly, this report outlines excursions from the applicable quality control criteria outlined in the NYSDEC ASP Methods

624 (modified with 8021 constituents), 608, and the Quality Assurance Project Plan (QAPP) developed for this investigation. The analytical data were evaluated based on method criteria and were qualified based on validation criteria established in the following document:

- *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992.

The amended laboratory data sheets resulting from this validation are presented in Appendix K.

1.2. Analytical methods

Groundwater samples were analyzed for volatile organics and PCBs in accordance with the method protocols specified by USEPA Methods 624¹ (modified with 8021 constituents)², 608³, quality control protocols specified by the NYSDEC ASP⁴, and the Quality Assurance Project Plan (QAPP)⁵ developed for this investigation. Laboratory analyses were provided by Adirondack Environmental Services, Inc. located in Albany, New York.

The following sections of this document address distinct aspects of the validation process. Chapter 2 lists the data quality assurance/quality control (QA/QC) protocols used to validate the sample data. Specific QA/QC deviations and qualifications performed on the sample data are discussed in Chapter 3. Data completeness and usability are discussed in Chapter 4.

¹ - Federal Register, Volume 50, Number 3, January 4, 1985. Washington DC:USEPA.

² - USEPA. 1992. *Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW-846)*, 3rd Edition. Washington DC:USEPA.

³ - Federal Register, Volume 49, Number 209, October 26, 1984. Washington DC:USEPA.

⁴ *Exhibit E of New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP)*, NYSDEC September 1989, 12/91 Revisions.

⁵ *Quality Assurance Project Plan (QAPP) for the Remedial Investigation/Feasibility Study*, General Electric Company, Fort Edward, New York, O'Brien & Gere Engineers, Inc. July 1995; Revised August, 1995.

2. Data validation protocols

The evaluation of volatile organic PCB analyses for this project followed the requirements presented in the NYSDEC ASP analytical methodology and the QAPP written for this project. Qualification of sample data was based on the validation guidelines presented in *CLP Organics Data Review and Preliminary Review*, SOP No. HW-6 Revision #8, USEPA Region II, January 1992 (USEPA Region II Guidelines). The following QA/QC parameters were evaluated for organics analyses:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. Blank Analysis
5. GC Instrument Performance or GC/MS Tuning Criteria
6. Analytical Sequence, if applicable
7. Target Compound Identification
8. Tentatively Identified Compound Identification
9. Compound Quantitation and Reported Detection Limits
10. Initial Calibration Criteria
11. Continuing Calibration Criteria
12. Internal Standard Recovery, if applicable
13. Laboratory Control Sample Analysis
14. Field Duplicate Analysis
15. System Performance
16. Documentation Completeness

The following qualifiers have been used in this data validation:

- R Indicates that the reporting limit or sample result has been determined to be unusable due to a major deficiency in the data generation process. The data should not be used for any qualitative or quantitative purposes.
- U Indicates that the analyte was analyzed for, but was not detected. The sample-specific reporting limit is presented and adjusted for dilution, as appropriate. This qualifier is also used to signify that

the detection limit of an analyte was raised due to blank contamination.

- J Indicates that the concentration should be considered approximate. This qualifier indicates that the data validation process identifies a deficiency in the data generation process.
- UJ Indicates that the sample-specific reporting limit for the analyte in this sample should be considered approximate. This qualifier is used when the data validation process identifies a deficiency in the data generation process.

3. Data quality evaluation

This section summarizes the QA/QC parameters, validation criteria, and qualification of sample data which occurred when the QA/QC parameters specified did not meet criteria. Samples that required qualification are identified in the following sections by the description documented on the sample chain of custody records. QA/QC excursions which did not result in qualification of sample data are not discussed. One qualifier was used for an individual sample result. When the data validation process identified several QC deficiencies, the cumulative effect of the various deviations were employed in assigning the final data qualifier.

3.1. Volatile organic analysis

The QA/QC parameters presented in Chapter 2 for volatile organics were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. GC Instrument Performance or GC/MS Tuning Criteria
5. Tentatively Identified Compound Identification
6. Reported Detection Limits
7. Initial Calibration Criteria
8. Internal Standard Recovery
9. Laboratory Control Sample Analysis
10. Field Duplicate Analysis
11. System Performance
12. Documentation Completeness

3.1.1. Blank analysis

Methylene chloride was detected in the trip blanks collected on June 18, 1996 and on June 19, 1996 at concentrations of 7 and 8 $\mu\text{g/L}$, respectfully. As a result of the trip blank contamination, the results for methylene chloride were qualified as not detected (flagged with "U") in a few associated samples for blank contamination. Concentrations of methylene chloride detected in the associated samples, which are less than 10 times the concentration of methylene chloride detected in the trip blanks were qualified. Data qualified as a result of blank contamination are summarized in the following table.

Table 3-1. Blank analysis deviations

Blank ID	Compound	Concentration Detected	Associated Samples	Action
Trip blank #1 (collected 6/18/96)	methylene chloride	8 $\mu\text{g/L}$	OBG-85	7U
Trip blank #2 (collected 6/19/96)	methylene chloride	7 $\mu\text{g/L}$	OBG-43BD OBG-46BD OBG-46BS OBG-68 OBG-80	5U
Trip blank-2 (collected 6/25/96)	methylene chloride	25 $\mu\text{g/L}$	FM-1 FM-9	18U 9U

3.1.2. Continuing calibration criteria

The continuing calibration percent difference (%D) limit, as listed in the NYSDEC ASP, was exceeded for a few compounds. Because these calibration deviations also exceeded the USEPA Region II Guidelines criteria, the sample results were qualified as approximate, as shown in Table 3-2.

Table 3-2. Continuing calibration deviations

Date Analyzed	Volatile Organic	Excursions	Affected Samples	Action
6/27/96	vinyl chloride	31 %D	OBG-88 OBG-89 OBG-63 OBG-64 OBG-26T	UJ
6/27/96	bromoform	31 %D	OBG-75BI OBG-49BD OBG-46BI OBG-65 OBG-66 OBG-55 OBG-75BS OBG-47BS	UJ
6/28/96	bromoform	26 %D	OBG-74BS FM-8 OBG-82 OBG-62 OBG-83 OBG-49BS OBG-50	UJ
7/2/96	bromoform	28 %D	OBG-26BD FM-5	UJ
7/3/96	bromoform carbon tetrachloride	36 %D 30 %D	FM-2 FM-6 FM-7 FM-10 FM-12	UJ

3.1.3. Compound quantitation

The reported concentrations of trichloroethene in sample OBG-63 and 1,1,1-trichloroethane in sample OBG-55 were qualified as approximate (flagged with "J") because the reported concentrations are greater than the linear range of the analysis.

3.1.4. Compound identification

The retention time and mass spectral criteria required for positive compound identification were not met for methylene chloride in samples OBG-88 and FM-8; therefore, methylene chloride was qualified as non-detect (i.e., 120 $\mu\text{g/L}$ U in OBG-88 and 5 $\mu\text{g/L}$ U in FM-8).

The retention time and mass spectral criteria required for positive compound identification were not met for total xylenes in sample FM-5; therefore, total xylenes were qualified as non-detect (i.e., 5 $\mu\text{g/L}$ U). Although the retention time criteria was met, the mass spectral criteria required for positive compound identification was not met for ethylbenzene in sample FM-5; therefore, ethylbenzene was qualified as tentatively identified (flagged with "N") in this sample.

3.2. PCB analysis

The QA/QC parameters presented in Chapter 2 for PCBs were evaluated for soil samples. The following QA/QC parameters were found to meet validation criteria:

1. Holding Times and Preservation
2. Surrogate Recovery
3. Matrix Spike/Matrix Spike Duplicate Analysis/Matrix Spike Blank Analysis
4. Blank Analysis
5. GC Instrument Performance
6. Analytical Sequence
7. Target Compound Identification
8. Compound Quantitation and Reported Detection Limits
9. Initial Calibration Criteria
10. Continuing Calibration Criteria
11. Laboratory Control Sample Analysis
12. Field Duplicate Analysis
13. System Performance
14. Documentation Completeness

Qualification of sample results was not required.

4. Summary and data usability

The analytical data generated through the analysis of soil samples collected as part of the Remedial Investigation/Feasibility Study (RI/FS) at the GE Fort Edward facility were evaluated based on QA/QC criteria established by USEPA methods and qualified based on USEPA Region II guidelines.

As part of this validation, the analytical data were evaluated for completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. For these analyses, 100 percent of the volatile and PCB data were determined to be usable for qualitative and quantitative purposes

The following present the adherence of the data to the precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters.

Precision is measured through field duplicate and matrix spike/matrix spike duplicate analyses. The volatile organic and PCB data were not qualified due to precision deviations in this project.

Matrix spike/matrix spike duplicate sample recoveries, surrogate recoveries, laboratory control sample recoveries, matrix spike blank recoveries, internal standard performance, and calibration criteria indicate the *accuracy* of the data. For the volatile data in this investigation, 0.8 percent were qualified as approximate due to continuing calibration excursions. The PCB data were not qualified due to accuracy deviations in this project.

Holding times, sample preservation, blank analysis, and compound identification and quantification are indicators of the *representativeness* of the analytical data. For the volatile data in this investigation, 0.2 percent were qualified as not detected due to blank contamination, 0.05 percent were qualified as approximate due to compound quantitation excursions, and 0.08 percent were qualified as non-detect due to compound identification excursions. The PCB data were not qualified due to representativeness deviations in this project.

Comparability is not compromised provided that the analytical methods did not change over time. A major component of comparability is the use of standard reference materials for calibration and QC. These standards are compared to other unknowns to verify their concentrations. Since standard analytical methods and reporting procedures were consistently used by the laboratory, the comparability criteria for the analytical data were met.

Completeness is defined as the percentage of the sample results that have been determined to be usable during the data validation process. The percent usability, or completeness, of the volatile organic data and the PCB data was 100 percent. Overall, the analytical data are of sufficient quality to be used for qualitative and quantitative purposes.

APPENDIX J

Soil Analytical Laboratory Data

APPENDIX J-1

**Soil Analytical Laboratory Data
August 29 to September 6, 1995**

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

S837S1

Lab Name: AES, Inc. Contract:
 Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
 Matrix: (soil/water) SOIL Lab Sample ID: S837 S-1
 Sample wt/vol: 1.000 (g/mL) G Lab File ID: D2440
 Level: (low/med) LOW Date Received: 08/30/95
 % Moisture: not dec. 6. Date Analyzed: 09/01/95
 GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	q
75-71-8-----	Dichlorodifluoromethane	53.	U
74-87-3-----	Chloromethane	53.	U
74-83-9-----	Bromomethane	53.	U
75-01-4-----	Vinyl Chloride	53.	U
75-00-3-----	Chloroethane	53.	U
75-09-2-----	Methylene Chloride	27.	U
67-64-1-----	Acetone	53.	U
75-69-4-----	Trichlorofluoromethane	27.	U
75-15-0-----	Carbon Disulfide	27.	U
75-35-4-----	1,1-Dichloroethene	27.	U
75-34-3-----	1,1-Dichloroethane	27.	U
156-60-5-----	1,2-Dichloroethene-trans	27.	U
594-20-7-----	2,2-Dichloropropane	27.	U
156-59-2-----	1,2-Dichloroethene-cis	27.	U
74-97-5-----	Bromochloromethane	27.	U
67-66-3-----	Chloroform	27.	U
563-58-6-----	1,1-Dichloro-1-propene	27.	U
107-06-2-----	1,2-Dichloroethane	27.	U
78-93-3-----	2-Butanone	53.	U
71-55-6-----	1,1,1-Trichloroethane	27.	U
56-23-5-----	Carbon Tetrachloride	27.	U
108-05-4-----	Vinyl Acetate	53.	U
75-27-4-----	Bromodichloromethane	27.	U
78-87-5-----	1,2-Dichloropropane	27.	U
10061-01-5-----	cis-1,3-Dichloropropene	27.	U
96-18-4-----	1,2,3-Trichloropropane	53.	U
74-95-3-----	Dibromomethane	27.	U
79-01-6-----	Trichloroethene	27.	U
124-48-1-----	Dibromochloromethane	27.	U
79-00-5-----	1,1,2-Trichloroethane	27.	U
71-43-2-----	Benzene	27.	U
10061-02-6-----	trans-1,3-Dichloropropene	27.	U
142-28-9-----	1,3-Dichloropropane	27.	U
75-25-2-----	Bromoform	27.	U
591-78-6-----	2-Hexanone	53.	U
108-10-1-----	4-Methyl-2-Pentanone	53.	U
127-18-4-----	Tetrachloroethene	27.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	27.	U
106-93-4-----	Ethylene Dibromide (EDB)	27.	U
108-88-3-----	Toluene	27.	U
108-90-7-----	Chlorobenzene	27.	U
630-20-6-----	1,1,1,2-tetrachloroethane	27.	U
100-41-4-----	Ethylbenzene	95.	U
100-42-5-----	Styrene	27.	U
1330-20-7-----	Xylenes (total)	650.	U
98-82-8-----	Isopropylbenzene	73.	U
103-65-1-----	n-Propylbenzene	110.	U
108-86-1-----	Bromobenzene	27.	U

Qualifier

R

UT

Kaw 10/4/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000053

Lab Name: AES, Inc. Contract: S837S1
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08652S
Matrix: (soil/water) SOIL Lab Sample ID: S837 S-1
Sample wt/vol: 1.000 (g/mL) G Lab File ID: D2440
Level: (low/med) LOW Date Received: 08/30/95
% Moisture: not dec. 6. Date Analyzed: 09/01/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	q
108-67-8-----	1,3,5-Trimethylbenzene	660.	
95-49-8-----	2-Chlorotoluene	27.	U
106-43-4-----	4-Chlorotoluene	27.	U
98-06-6-----	tert-Butylbenzene	27.	U
95-63-6-----	1,2,4-Trimethylbenzene	~~1380.~~	E 5500
135-98-8-----	sec-Butylbenzene	110.	
99-87-6-----	p-Cymene	260.	
104-51-8-----	n-Butylbenzene	27.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	27.	U
120-82-1-----	1,2,4-Trichlorobenzene	27.	U
87-68-3-----	Hexachlorobutadiene	27.	U
91-20-3-----	Naphthalene	~~2900.~~	E 7800
87-61-6-----	1,2,3-Trichlorobenzene	~~27.~~	U

KOS 10/4/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000054

S837S1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G525

Matrix: (soil/water) SOIL

Lab Sample ID: S837 S-1

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: 02440

Level: (low/med) LOW

Date Received: 08/30/95

% Moisture: not dec. 6.

Date Analyzed: 09/01/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 12

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- - UNKNOWN HYDROCARBON	13.93	900.	J
2.	- - UNKNOWN HYDROCARBON	15.77	300.	J
3.	- - UNKNOWN ALKANE	16.05	100.	J
4.	- - UNKNOWN ALKANE	16.81	400.	J
5.	- - UNKNOWN ALKANE	18.07	400.	J
6.	- - UNKNOWN ALKANE	18.76	100.	J
7.	- - UNKNOWN	19.48	300.	J
8.	- - UNKNOWN AROMATIC	20.70	200.	J
9.	- - UNKNOWN AROMATIC	22.63	200.	J
10.	- - UNKNOWN ALKANE	24.15	200.	J
11.	- - UNKNOWN ALKANE	24.36	200.	J
12.	- - UNKNOWN HYDROCARBON	25.24	100.	J
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000058

5838S4

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G525
Matrix: (soil/water) SOIL Lab Sample ID: 5838 S-4
Sample wt/vol: 5.000 (g/mL) G Lab File ID: 02432
Level: (low/med) LOW Date Received: 08/30/95
% Moisture: not dec. 5. Date Analyzed: 09/01/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	44.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	44.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U

Qualifier

R

W

KG 10/4/95

000059

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

S838S4

Lab Name: AES, Inc. Contract:
 Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
 Matrix: (soil/water) SOIL Lab Sample ID: S838 S-4
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: 02432
 Level: (low/med) LOW Date Received: 08/30/95
 % Moisture: not dec. 5. Date Analyzed: 09/01/95
 GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

FORM 1 VOA

3/90

EAS 10/4/91

000060

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S838S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08652S

Matrix: (soil/water) SOIL

Lab Sample ID: S838 S-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02432

Level: (low/med) LOW

Date Received: 08/30/95

% Moisture: not dec. 5.

Date Analyzed: 09/01/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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000061

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S838S6

Lab Name: AES, Inc. Contract:
 Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08652S
 Matrix: (soil/water) SOIL Lab Sample ID: S838 S-6
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2443
 Level: (low/med) LOW Date Received: 08/30/95
 % Moisture: not dec. 10. Date Analyzed: 09/05/95
 GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

75-71-8-----	Dichlorodifluoromethane	11.	U	
74-87-3-----	Chloromethane	11.	U	
74-83-9-----	Bromomethane	11.	U	
75-01-4-----	Vinyl Chloride	11.	U	
75-00-3-----	Chloroethane	11.	U	
75-09-2-----	Methylene Chloride	6.	U	
67-66-1-----	Acetone	5.	J	
75-69-4-----	Trichlorofluoromethane	6.	U	
75-15-0-----	Carbon Disulfide	6.	U	
75-35-4-----	1,1-Dichloroethene	6.	U	
75-34-3-----	1,1-Dichloroethane	6.	U	
156-60-5-----	1,2-Dichloroethene-trans	6.	U	
594-20-7-----	2,2-Dichloropropane	6.	U	
156-59-2-----	1,2-Dichloroethene-cis	6.	U	
74-97-5-----	Bromochloromethane	6.	U	
67-66-3-----	Chloroform	6.	U	
563-58-6-----	1,1-Dichloro-1-propene	6.	U	
107-06-2-----	1,2-Dichloroethane	6.	U	
78-93-3-----	2-Butanone	11.	U	
71-55-6-----	1,1,1-Trichloroethane	6.	U	
56-23-5-----	Carbon Tetrachloride	6.	U	
108-05-4-----	Vinyl Acetate	11.	U	
75-27-4-----	Bromodichloromethane	6.	U	
78-87-5-----	1,2-Dichloropropane	6.	U	
10061-01-5-----	cis-1,3-Dichloropropene	6.	U	
96-18-4-----	1,2,3-Trichloropropane	11.	U	
74-95-3-----	Dibromomethane	6.	U	
79-01-6-----	Trichloroethene	6.	U	
124-48-1-----	Dibromochloromethane	6.	U	
79-00-5-----	1,1,2-Trichloroethane	6.	U	
71-43-2-----	Benzene	6.	U	
10061-02-6-----	trans-1,3-Dichloropropene	6.	U	
142-28-9-----	1,3-Dichloropropene	6.	U	
75-25-2-----	Bromoform	6.	U	
591-78-6-----	2-Hexanone	11.	U	
108-10-1-----	4-Methyl-2-Pentanone	11.	U	
127-18-4-----	Tetrachloroethene	6.	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U	
106-93-4-----	Ethylene Dibromide (EDB)	6.	U	
108-88-3-----	Toluene	6.	U	
108-90-7-----	Chlorobenzene	6.	U	
630-20-6-----	1,1,1,2-tetrachloroethane	6.	U	
100-41-4-----	Ethylbenzene	6.	U	
100-42-5-----	Styrene	6.	U	
1330-20-7-----	Xylenes (total)	6.	U	
98-82-8-----	isopropylbenzene	6.	U	
103-65-1-----	n-Propylbenzene	6.	U	
108-86-1-----	Bromobenzene	6.	U	

Qualifier

R

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10/4/95
1.95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S838S6

000062

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: S838 S-6
Sample wt/vol: 5.000 (g/mL) G Lab File ID: 02443
Level: (low/med) LOW Date Received: 08/30/95
% Moisture: not dec. 10. Date Analyzed: 09/05/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-67-8-----	1,3,5-Trimethylbenzene	6. U	
95-49-8-----	2-Chlorotoluene	6. U	
106-43-4-----	4-Chlorotoluene	6. U	
98-06-6-----	tert-Butylbenzene	6. U	
95-63-6-----	1,2,4-Trimethylbenzene	6. U	
135-98-8-----	sec-Butylbenzene	6. U	
99-87-6-----	p-Cymene	6. U	
104-51-8-----	n-Butylbenzene	6. U	
96-12-8-----	1,2-dibromo-3-chloro-Propane	6. U	
120-82-1-----	1,2,4-Trichlorobenzene	6. U	
87-68-3-----	Hexachlorobutadiene	6. U	
91-20-3-----	Naphthalene	6. U	
87-61-6-----	1,2,3-Trichlorobenzene	6. U	

10/14/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000063

S838S6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: S838 S-6

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02443

Level: (low/med) LOW

Date Received: 08/30/95

% Moisture: not dec. 10.

Date Analyzed: 09/05/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

583981

000064

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: S839 S-1
Sample wt/vol: 5.000 (g/mL) G Lab File ID: 02431
Level: (Low/med) LOW Date Received: 08/30/95
% Moisture: not dec. 4. Date Analyzed: 09/01/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
75-71-8-----	Dichlorodifluoromethane	10.	U
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropene	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropene	10.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U

Qualify

R

UJ

KAC 12/4/95

000065

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S839S1

Lab Name: AES, Inc. Contract:
 Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
 Matrix: (soil/water) SOIL Lab Sample ID: S839 S-1
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2431
 Level: (Low/med) LOW Date Received: 08/30/95
 % Moisture: not dec. 4. Date Analyzed: 09/01/95
 GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

FORM 1 VOA

3/90

KAO 10/4/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000066

S839S1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: S839 S-1

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2431

Level: (low/med) LOW

Date Received: 08/30/95

% Moisture: not dec. 4.

Date Analyzed: 09/01/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000067

S839S2

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 086525
Matrix: (soil/water) SOIL Lab Sample ID: S839 S-2
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2434
Level: (low/med) LOW Date Received: 08/30/95
% Moisture: not dec. 8. Date Analyzed: 09/01/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	q
75-71-8-----	Dichlorodifluoromethane	11.	U	
74-87-3-----	Chloromethane	11.	U	
74-83-9-----	Bromomethane	11.	U	
75-01-4-----	Vinyl Chloride	11.	U	
75-00-3-----	Chloroethane	11.	U	
75-09-2-----	Methylene Chloride	5.	U	
67-64-1-----	Acetone	11.	U	
75-69-4-----	Trichlorofluoromethane	5.	U	
75-15-0-----	Carbon Disulfide	5.	U	
75-35-4-----	1,1-Dichloroethene	5.	U	
75-34-3-----	1,1-Dichloroethane	5.	U	
156-60-5-----	1,2-Dichloroethene-trans	5.	U	
594-20-7-----	2,2-Dichloropropane	5.	U	
156-59-2-----	1,2-Dichloroethene-cis	5.	U	
74-97-5-----	Bromochloromethane	5.	U	
67-66-3-----	Chloroform	5.	U	
563-58-6-----	1,1-Dichloro-1-propene	5.	U	
107-06-2-----	1,2-Dichloroethane	5.	U	
78-93-3-----	2-Butanone	11.	U	
71-55-6-----	1,1,1-Trichloroethane	5.	U	
56-23-5-----	Carbon Tetrachloride	5.	U	
108-05-4-----	Vinyl Acetate	11.	U	
75-27-4-----	Bromodichloromethane	5.	U	
78-87-5-----	1,2-Dichloropropane	5.	U	
10061-01-5-----	cis-1,3-Dichloropropene	5.	U	
96-18-4-----	1,2,3-Trichloropropane	11.	U	
74-95-3-----	Dibromomethane	5.	U	
79-01-6-----	Trichloroethene	5.	U	
124-48-1-----	Dibromochloromethane	5.	U	
79-00-5-----	1,1,2-Trichloroethane	5.	U	
71-43-2-----	Benzene	5.	U	
10061-02-6-----	trans-1,3-Dichloropropene	5.	U	
142-28-9-----	1,3-Dichloropropane	5.	U	
75-25-2-----	Bromoform	5.	U	
591-78-6-----	2-Hexanone	11.	U	
108-10-1-----	4-Methyl-2-Pentanone	11.	U	
127-18-4-----	Tetrachloroethene	5.	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U	
106-93-4-----	Ethylene Dibromide (EDB)	5.	U	
108-88-3-----	Toluene	5.	U	
108-90-7-----	Chlorobenzene	5.	U	
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U	
100-41-4-----	Ethylbenzene	5.	U	
100-42-5-----	Styrene	5.	U	
1330-20-7-----	Xylenes (total)	5.	U	
98-82-8-----	Isopropylbenzene	5.	U	
103-65-1-----	n-Propylbenzene	5.	U	
108-86-1-----	Bromobenzene	5.	U	

Qualify

R

UJ

KIS 10/4/95

VOLATILE ORGANICS ANALYSIS DATA SHEET

S839S2

000068

Lab Name: AES, Inc. Contract:
 Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
 Matrix: (soil/water) SOIL Lab Sample ID: S839 S-2
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: 02434
 Level: (low/med) LOW Date Received: 08/30/95
 % Moisture: not dec. 8. Date Analyzed: 09/01/95
 GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

Kas 10/4/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000069

S839S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: S839 S-2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2434

Level: (low/med) LOW

Date Received: 08/30/95

% Moisture: not dec. 8.

Date Analyzed: 09/01/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB40S2

000070

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G525
Matrix: (soil/water) SOIL Lab Sample ID: SB40 S-2
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2444
Level: (low/med) LOW Date Received: 08/31/95
% Moisture: not dec. 6. Date Analyzed: 09/05/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	q
75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U

Qualify

R

UJ

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UG 12/4/95

VOLATILE ORGANICS ANALYSIS DATA SHEET

000071

S840S2

Lab Name: AES, Inc. Contract:
 Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
 Matrix: (soil/water) SOIL Lab Sample ID: S840 S-2
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2444
 Level: (low/med) LOW Date Received: 08/31/95
 % Moisture: not dec. 6. Date Analyzed: 09/05/95
 GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	q
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

K/S 10/4/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000072

SB40S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SOG No.: 08652S

Matrix: (soil/water) SOIL

Lab Sample ID: SB40 S-2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02444

Level: (low/med) LOW

Date Received: 08/31/95

% Moisture: not dec. 6.

Date Analyzed: 09/05/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000073

S840S5

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: S840 S-5
Sample wt/vol: 1.000 (g/mL) G Lab File ID: D2435
Level: (Low/med) LOW Date Received: 08/31/95
% Moisture: not dec. 11. Date Analyzed: 09/01/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	q
75-71-8-----	Dichlorodifluoromethane	56.	U
74-87-3-----	Chloromethane	56.	U
74-83-9-----	Bromomethane	56.	U
75-01-4-----	Vinyl Chloride	56.	U
75-00-3-----	Chloroethane	56.	U
75-09-2-----	Methylene Chloride	28.	U
67-64-1-----	Acetone	56.	U
75-69-4-----	Trichlorofluoromethane	28.	U
75-15-0-----	Carbon Disulfide	28.	U
75-35-4-----	1,1-Dichloroethene	28.	U
75-34-3-----	1,1-Dichloroethane	28.	U
156-60-5-----	1,2-Dichloroethene-trans	28.	U
594-20-7-----	2,2-Dichloropropane	28.	U
156-59-2-----	1,2-Dichloroethene-cis	28.	U
74-97-5-----	Bromochloromethane	28.	U
67-66-3-----	Chloroform	28.	U
563-58-6-----	1,1-Dichloro-1-propene	28.	U
107-06-2-----	1,2-Dichloroethane	28.	U
78-93-3-----	2-Butanone	56.	U
71-55-6-----	1,1,1-Trichloroethane	28.	U
56-23-5-----	Carbon Tetrachloride	28.	U
108-05-4-----	Vinyl Acetate	56.	U
75-27-4-----	Bromodichloromethane	28.	U
78-87-5-----	1,2-Dichloropropane	28.	U
10061-01-5-----	cis-1,3-Dichloropropene	28.	U
96-18-4-----	1,2,3-Trichloropropane	56.	U
74-95-3-----	Dibromomethane	28.	U
79-01-6-----	Trichloroethene	28.	U
124-48-1-----	Dibromochloromethane	28.	U
79-00-5-----	1,1,2-Trichloroethane	28.	U
71-43-2-----	Benzene	28.	U
10061-02-6-----	trans-1,3-Dichloropropene	28.	U
142-28-9-----	1,3-Dichloropropane	28.	U
75-25-2-----	Bromoform	28.	U
591-78-6-----	2-Hexanone	56.	U
108-10-1-----	4-Methyl-2-Pentanone	56.	U
127-18-4-----	Tetrachloroethene	28.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	28.	U
106-93-4-----	Ethylene Dibromide (EDB)	28.	U
108-88-3-----	Toluene	28.	U
108-90-7-----	Chlorobenzene	28.	U
630-20-6-----	1,1,1,2-tetrachloroethane	28.	U
100-41-4-----	Ethylbenzene	28.	U
100-42-5-----	Styrene	28.	U
1330-20-7-----	Xylenes (total)	44.	U
98-82-8-----	Isopropylbenzene	28.	U
103-65-1-----	n-Propylbenzene	28.	U
108-86-1-----	Bromobenzene	28.	U

Qualify

R

UT

12/4/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB40S5

0C0074

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: SB40 S-5
Sample wt/vol: 1.000 (g/mL) G Lab File ID: D2435
Level: (low/med) LOW Date Received: 08/31/95
% Moisture: not dec. 11. Date Analyzed: 09/01/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-67-8-----	1,3,5-Trimethylbenzene	170.	
95-49-8-----	2-Chlorotoluene	28.	U
106-43-4-----	4-Chlorotoluene	28.	U
98-06-6-----	tert-Butylbenzene	28.	U
95-63-6-----	1,2,4-Trimethylbenzene	310.	
135-98-8-----	sec-Butylbenzene	28.	U
99-87-6-----	p-Cymene	81.	
104-51-8-----	n-Butylbenzene	28.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	28.	U
120-82-1-----	1,2,4-Trichlorobenzene	28.	U
87-68-3-----	Hexachlorobutadiene	28.	U
91-20-3-----	Naphthalene	1100.	
87-61-6-----	1,2,3-Trichlorobenzene	28.	U

KS 10/4/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000075

SB40S5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: SB40 S-5

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: D2435

Level: (low/med) LOW

Date Received: 08/31/95

% Moisture: not dec. 11.

Date Analyzed: 09/01/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 10

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	18.05	200.	J
2.	UNKNOWN ALKANE	18.49	700.	J
3.	UNKNOWN ALKANE	18.74	200.	J
4.	UNKNOWN	19.43	400.	J
5.	UNKNOWN ALKANE	19.99	400.	J
6.	UNKNOWN AROMATIC	22.25	300.	J
7.	UNKNOWN AROMATIC	22.61	700.	J
8.	UNKNOWN	24.11	200.	J
9.	UNKNOWN ALKANE	24.37	300.	J
10.	UNKNOWN AROMATIC	25.24	200.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000076

S841S9

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G525
Matrix: (soil/water) SOIL Lab Sample ID: S841 S-9
Sample wt/vol: 1.000 (g/mL) G Lab File ID: D2438
Level: (low/med) LOW Date Received: 08/31/95
% Moisture: not dec. 24. Date Analyzed: 09/01/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
75-71-8-----	Dichlorodifluoromethane	66.	U
74-87-3-----	Chloromethane	66.	U
74-83-9-----	Bromomethane	66.	U
75-01-4-----	Vinyl Chloride	66.	U
75-00-3-----	Chloroethane	66.	U
75-09-2-----	Methylene Chloride	33.	U
67-64-1-----	Acetone	66.	U
75-69-4-----	Trichlorofluoromethane	33.	U
75-15-0-----	Carbon Disulfide	33.	U
75-35-4-----	1,1-Dichloroethene	33.	U
75-34-3-----	1,1-Dichloroethane	33.	U
156-60-5-----	1,2-Dichloroethene-trans	33.	U
594-20-7-----	2,2-Dichloropropane	33.	U
156-59-2-----	1,2-Dichloroethene-cis	33.	U
74-97-5-----	Bromochloromethane	33.	U
67-66-3-----	Chloroform	33.	U
563-58-6-----	1,1-Dichloro-1-propene	33.	U
107-06-2-----	1,2-Dichloroethane	33.	U
78-93-3-----	2-Butanone	66.	U
71-55-6-----	1,1,1-Trichloroethane	33.	U
56-23-5-----	Carbon Tetrachloride	33.	U
108-05-4-----	Vinyl Acetate	66.	U
75-27-4-----	Bromodichloromethane	33.	U
78-87-5-----	1,2-Dichloropropane	33.	U
10061-01-5-----	cis-1,3-Dichloropropene	33.	U
96-18-4-----	1,2,3-Trichloropropane	66.	U
74-95-3-----	Dibromomethane	33.	U
79-01-6-----	Trichloroethene	33.	U
124-48-1-----	Dibromochloromethane	33.	U
79-00-5-----	1,1,2-Trichloroethane	33.	U
71-43-2-----	Benzene	33.	U
10061-02-6-----	trans-1,3-Dichloropropene	33.	U
142-28-9-----	1,3-Dichloropropane	33.	U
75-25-2-----	Bromoform	33.	U
591-78-6-----	2-Hexanone	66.	U
108-10-1-----	4-Methyl-2-Pentanone	66.	U
127-18-4-----	Tetrachloroethene	33.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	33.	U
106-93-4-----	Ethylene Dibromide (EDB)	33.	U
108-88-3-----	Toluene	33.	U
108-90-7-----	Chlorobenzene	33.	U
630-20-6-----	1,1,1,2-tetrachloroethane	33.	U
100-41-4-----	Ethylbenzene	33.	U
100-42-5-----	Styrene	33.	U
1330-20-7-----	Xylenes (total)	33.	U
98-82-8-----	Isopropylbenzene	33.	U
103-65-1-----	n-Propylbenzene	64.	U
108-86-1-----	Bromobenzene	33.	U

Qualifier

R

U

KG 10/1/95

VOLATILE ORGANICS ANALYSIS DATA SHEET

S841S9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: S841 S-9

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: 02438

Level: (low/med) LOW

Date Received: 08/31/95

% Moisture: not dec. 24.

Date Analyzed: 09/01/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	q
108-67-8-----	1,3,5-Trimethylbenzene	33.	U
95-49-8-----	2-Chlorotoluene	33.	U
106-43-4-----	4-Chlorotoluene	33.	U
98-06-6-----	tert-Butylbenzene	33.	U
95-63-6-----	1,2,4-Trimethylbenzene	33.	U
135-98-8-----	sec-Butylbenzene	140.	
99-87-6-----	p-Cymene	99.	
104-51-8-----	n-Butylbenzene	120.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	33.	U
120-82-1-----	1,2,4-Trichlorobenzene	33.	U
87-68-3-----	Hexachlorobutadiene	33.	U
91-20-3-----	Naphthalene	4700.	U
87-61-6-----	1,2,3-Trichlorobenzene	33.	U

Qualifier

1700 J

165, 194/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000078

S841S9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: S841 S-9

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: D2438

Level: (low/med) LOW

Date Received: 08/31/95

% Moisture: not dec. 24.

Date Analyzed: 09/01/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 11

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN	17.91	200.	J
2. - -	UNKNOWN ALKANE	18.07	200.	J
3. - -	UNKNOWN ALKANE	18.49	900.	J
4. - -	UNKNOWN ALKANE	18.76	400.	J
5. - -	UNKNOWN	19.94	400.	J
6. - -	UNKNOWN	21.18	200.	J
7. - -	UNKNOWN AROMATIC	22.24	200.	J
8. - -	UNKNOWN AROMATIC	22.63	400.	J
9. - -	UNKNOWN ALKANE	24.36	200.	J
10. - -	UNKNOWN AROMATIC	25.24	100.	J
11. - -	UNKNOWN SUBST. CYCLOHEXANE	25.91	100.	J
12.				
13.				
14.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000040

SB42S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB42S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2560

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 9.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

Qualifier

75-71-8-----Dichlorodifluoromethane	11.	U
74-87-3-----Chloromethane	11.	U
74-83-9-----Bromomethane	11.	U
75-01-4-----Vinyl Chloride	11.	U
75-00-3-----Chloroethane	11.	U
75-09-2-----Methylene Chloride	5.	U
67-64-1-----Acetone	11.	U
75-69-4-----Trichlorofluoromethane	5.	U
75-15-0-----Carbon Disulfide	5.	U
75-35-4-----1,1-Dichloroethene	5.	U
75-34-3-----1,1-Dichloroethane	5.	U
156-60-5-----1,2-Dichloroethene-trans	5.	U
594-20-7-----2,2-Dichloropropane	5.	U
156-59-2-----1,2-Dichloroethene-cis	5.	U
74-97-5-----Bromochloromethane	5.	U
67-66-3-----Chloroform	5.	U
563-58-6-----1,1-Dichloro-1-propene	5.	U
107-06-2-----1,2-Dichloroethane	5.	U
78-93-3-----2-Butanone	11.	U
71-55-6-----1,1,1-Trichloroethane	5.	U
56-23-5-----Carbon Tetrachloride	5.	U
108-05-4-----Vinyl Acetate	11.	U
75-27-4-----Bromodichloromethane	5.	U
78-87-5-----1,2-Dichloropropane	5.	U
10061-01-5-----cis-1,3-Dichloropropene	5.	U
96-18-4-----1,2,3-Trichloropropane	11.	U
74-95-3-----Dibromomethane	5.	U
79-01-6-----Trichloroethene	5.	U
124-48-1-----Dibromochloromethane	5.	U
79-00-5-----1,1,2-Trichloroethane	5.	U
71-43-2-----Benzene	5.	U
10061-02-6-----trans-1,3-Dichloropropene	5.	U
142-28-9-----1,3-Dichloropropane	5.	U
75-25-2-----Bromoform	5.	U
591-78-6-----2-Hexanone	11.	U
108-10-1-----4-Methyl-2-Pentanone	11.	U

R

Kis 10/10/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000041

SB42S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB42S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2560

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 9.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

Qualifier

127-18-4-----Tetrachloroethene _____	5.	U
79-34-5-----1,1,2,2-Tetrachloroethane _____	5.	U
106-93-4-----Ethylene Dibromide (EDB) _____	5.	U
108-88-3-----Toluene _____	5.	U
108-90-7-----Chlorobenzene _____	5.	U
630-20-6-----1,1,1,2-tetrachloroethane _____	5.	U
100-41-4-----Ethylbenzene _____	5.	U
100-42-5-----Styrene _____	5.	U
1330-20-7-----Xylenes (total) _____	5.	U
98-82-8-----Isopropylbenzene _____	5.	U
103-65-1-----n-Propylbenzene _____	5.	U
108-86-1-----Bromobenzene _____	5.	U
108-67-8-----1,3,5-Trimethylbenzene _____	5.	U
95-49-8-----2-Chlorotoluene _____	5.	U
106-43-4-----4-Chlorotoluene _____	5.	U
98-06-6-----tert-Butylbenzene _____	5.	U
95-63-6-----1,2,4-Trimethylbenzene _____	5.	U
135-98-8-----sec-Butylbenzene _____	5.	U
99-87-6-----p-Cymene _____	5.	U
104-51-8-----n-Butylbenzene _____	5.	U
96-12-8-----1,2-dibromo-3-chloro-Propane _____	5.	U
120-82-1-----1,2,4-Trichlorobenzene _____	5.	U
87-68-3-----Hexachlorobutadiene _____	5.	U
91-20-3-----Naphthalene _____	5.	U
87-61-6-----1,2,3-Trichlorobenzene _____	5.	U

UJ

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Kas 10/5/95

000042

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB42S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB42S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2560

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 9.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 1

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN SILOXANE	21.67	9.	J
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000043

SB43S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB43S4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2581

Level: (low/med) MED

Date Received: 09/07/95

% Moisture: not dec. 13.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 50. (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG g

75-71-8-----	Dichlorodifluoromethane	2900.	U
74-87-3-----	Chloromethane	2900.	U
74-83-9-----	Bromomethane	2900.	U
75-01-4-----	Vinyl Chloride	2900.	U
75-00-3-----	Chloroethane	2900.	U
75-09-2-----	Methylene Chloride	1400.	U
67-64-1-----	Acetone	2900.	U
75-69-4-----	Trichlorofluoromethane	1400.	U
75-15-0-----	Carbon Disulfide	1400.	U
75-35-4-----	1,1-Dichloroethene	1400.	U
75-34-3-----	1,1-Dichloroethane	1400.	U
156-60-5-----	1,2-Dichloroethene-trans	1400.	U
594-20-7-----	2,2-Dichloropropane	1400.	U
156-59-2-----	1,2-Dichloroethene-cis	1400.	U
74-97-5-----	Bromochloromethane	1400.	U
67-66-3-----	Chloroform	1400.	U
563-58-6-----	1,1-Dichloro-1-propene	1400.	U
107-06-2-----	1,2-Dichloroethane	1400.	U
78-93-3-----	2-Butanone	2900.	U
71-55-6-----	1,1,1-Trichloroethane	1400.	U
56-23-5-----	Carbon Tetrachloride	1400.	U
108-05-4-----	Vinyl Acetate	2900.	U
75-27-4-----	Bromodichloromethane	1400.	U
78-87-5-----	1,2-Dichloropropane	1400.	U
10061-01-5-----	cis-1,3-Dichloropropene	1400.	U
96-18-4-----	1,2,3-Trichloropropane	2900.	U
74-95-3-----	Dibromomethane	1400.	U
79-01-6-----	Trichloroethene	1400.	U
124-48-1-----	Dibromochloromethane	1400.	U
79-00-5-----	1,1,2-Trichloroethane	1400.	U
71-43-2-----	Benzene	1400.	U
10061-02-6-----	trans-1,3-Dichloropropene	1400.	U
142-28-9-----	1,3-Dichloropropane	1400.	U
75-25-2-----	Bromoform	1400.	U
591-78-6-----	2-Hexanone	2900.	U
108-10-1-----	4-Methyl-2-Pentanone	2900.	U

Qualifier

UJ

10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000044

SB43S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB43S4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2581

Level: (low/med) MED

Date Received: 09/07/95

% Moisture: not dec. 13.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 50. (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

127-18-4-----	Tetrachloroethene	1400.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	~~1400.~~	U
106-93-4-----	Ethylene Dibromide (EDB)	1400.	U
108-88-3-----	Toluene	1400.	U
108-90-7-----	Chlorobenzene	1400.	U
630-20-6-----	1,1,1,2-tetrachloroethane	1400.	U
100-41-4-----	Ethylbenzene	1400.	U
100-42-5-----	Styrene	1400.	U
1330-20-7-----	Xylenes (total)	1400.	U
98-82-8-----	Isopropylbenzene	690.	J
103-65-1-----	n-Propylbenzene	1700.	
108-86-1-----	Bromobenzene	1400.	U
108-67-8-----	1,3,5-Trimethylbenzene	1400.	U
95-49-8-----	2-Chlorotoluene	1400.	U
106-43-4-----	4-Chlorotoluene	1400.	U
98-06-6-----	tert-Butylbenzene	1400.	U
95-63-6-----	1,2,4-Trimethylbenzene	1400.	U
135-98-8-----	sec-Butylbenzene	2500.	
99-87-6-----	p-Cymene	1400.	U
104-51-8-----	n-Butylbenzene	5100.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	~~1400.~~	U
120-82-1-----	1,2,4-Trichlorobenzene	~~1400.~~	U
87-68-3-----	Hexachlorobutadiene	~~1400.~~	U
91-20-3-----	Naphthalene	~~73000.~~	E
87-61-6-----	1,2,3-Trichlorobenzene	~~1400.~~	U

Qualitative

56000

KW 10/5/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000045

SB43S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB43S4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2581

Level: (low/med) MED

Date Received: 09/07/95

% Moisture: not dec. 13.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 50. (uL)

CONCENTRATION UNITS:

Number TICs found: 10

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- - UNKNOWN HYDROCARBON	18.47	20000.	J
2.	- - UNKNOWN HYDROCARBON	19.85	10000.	J
3.	- - UNKNOWN ALKANE	20.50	10000.	J
4.	- - UNKNOWN ALKANE	20.89	10000.	J
5.	- - UNKNOWN ALKANE	21.00	30000.	J
6.				
7.	- - UNKNOWN AROMATIC	22.25	10000.	J
8.	- - UNKNOWN HYDROCARBON	22.71	10000.	J
9.	- - UNKNOWN SUBST. CYCLOHEXANE	23.65	10000.	J
10.	- - UNKNOWN	23.81	10000.	J
11.	- - UNKNOWN	24.37	10000.	J
12.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB47S2

000049

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB47S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2561

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 8.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

Qualify

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

R

LAB 10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB47S2

000050

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB47S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2561

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 8.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

g

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

Analysis

UJ

10/5/95 KAS

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000051

SB47S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB47S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2561

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 8.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000055

SB47S3 RE

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB47S3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2577

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 9.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

Qualify

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

U.S.

Kas 10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000056

SB47S3 RE

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB47S3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2577

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 9.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

g

Qualifier

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

UJ

FORM I VQA

3/90

*10/5/95
KAS*

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000057

SB47S3 RE

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB47S3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2577

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 9.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 10

Qualify

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.	- - UNKNOWN ALKANE	18.52	200.	J
3.	- - UNKNOWN HYDROCARBON	19.49	300.	J
4.	- - UNKNOWN HYDROCARBON	19.81	100.	J
5.	- - UNKNOWN ALKANE	20.02	200.	J
6.	- - UNKNOWN	20.32	200.	J
7.	- - UNKNOWN	20.55	200.	J
8.	- - UNKNOWN HYDROCARBON	20.91	200.	J
9.	- - UNKNOWN	21.12	300.	J
10.	- - UNKNOWN HYDROCARBON	21.84	200.	J
11.	- - UNKNOWN	22.27	200.	J
12.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000058

SB48S3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB48S3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2563

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 4.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

g

Qualifier

75-71-8-----	Dichlorodifluoromethane	10.	U
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	10.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U

R

KW 10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000059

SB48S3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB48S3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2563

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 4.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

g

127-18-4-----	Tetrachloroethene _____	5.	U	
79-34-5-----	1,1,2,2-Tetrachloroethane _____	5.	U	
106-93-4-----	Ethylene Dibromide (EDB) _____	5.	U	
108-88-3-----	Toluene _____	5.	U	
108-90-7-----	Chlorobenzene _____	5.	U	
630-20-6-----	1,1,1,2-tetrachloroethane _____	5.	U	
100-41-4-----	Ethylbenzene _____	5.	U	
100-42-5-----	Styrene _____	5.	U	
1330-20-7-----	Xylenes (total) _____	5.	U	
98-82-8-----	Isopropylbenzene _____	5.	U	
103-65-1-----	n-Propylbenzene _____	5.	U	
108-86-1-----	Bromobenzene _____	5.	U	
108-67-8-----	1,3,5-Trimethylbenzene _____	5.	U	
95-49-8-----	2-Chlorotoluene _____	5.	U	
106-43-4-----	4-Chlorotoluene _____	5.	U	
98-06-6-----	tert-Butylbenzene _____	5.	U	
95-63-6-----	1,2,4-Trimethylbenzene _____	5.	U	
135-98-8-----	sec-Butylbenzene _____	5.	U	
99-87-6-----	p-Cymene _____	5.	U	
104-51-8-----	n-Butylbenzene _____	5.	U	
96-12-8-----	1,2-dibromo-3-chloro-Propane _____	5.	U	
120-82-1-----	1,2,4-Trichlorobenzene _____	5.	U	
87-68-3-----	Hexachlorobutadiene _____	5.	U	
91-20-3-----	Naphthalene _____	5.	U	
87-61-6-----	1,2,3-Trichlorobenzene _____	5.	U	

Qualify

*10/5/95
KNS*

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB48S3

000060

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: SB48S3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2563

Level: (low/med) LOW

Date Received: 09/06/95

% Moisture: not dec. 4.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 10

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	21.78	40.	J
2.	UNKNOWN HYDROCARBON	21.89	40.	J
3.	UNKNOWN HYDROCARBON	22.10	70.	J
4.	UNKNOWN HYDROCARBON	22.21	80.	J
5.	UNKNOWN ALKANE	22.51	60.	J
6.	UNKNOWN HYDROCARBON	22.65	80.	J
7.	UNKNOWN HYDROCARBON	23.00	40.	J
8.	UNKNOWN AROMATIC	23.23	40.	J
9.	UNKNOWN	23.60	40.	J
10.				
11.	UNKNOWN AROMATIC	24.31	50.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S849S4

000082

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: OBG52S
Matrix: (soil/water) SOIL Lab Sample ID: S849 S-4
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2455
Level: (low/med) LOW Date Received: 09/05/95
% Moisture: not dec. 7. Date Analyzed: 09/05/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
75-71-8	Dichlorodifluoromethane	11.	U
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl Chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene Chloride	5.	U
67-64-1	Acetone	11.	U
75-69-4	Trichlorofluoromethane	5.	U
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
156-60-5	1,2-Dichloroethene-trans	5.	U
594-20-7	2,2-Dichloropropane	5.	U
156-59-2	1,2-Dichloroethene-cis	5.	U
74-97-5	Bromochloromethane	5.	U
67-66-3	Chloroform	2.	U
563-58-6	1,1-Dichloro-1-propene	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	11.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	11.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
96-18-4	1,2,3-Trichloropropane	11.	U
74-95-3	Dibromomethane	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
142-28-9	1,3-Dichloropropane	5.	U
75-25-2	Bromoform	5.	U
591-78-6	2-Hexanone	11.	U
108-10-1	4-Methyl-2-Pentanone	11.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
106-93-4	Ethylene Dibromide (EDB)	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
630-20-6	1,1,1,2-tetrachloroethane	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
1330-20-7	Xylenes (total)	5.	U
98-82-8	Isopropylbenzene	5.	U
103-65-1	n-Propylbenzene	5.	U

Qualifier

UJ- R

UJ-

5U-

UJ

KG 10/4/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S849S4

000083

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: S849 S-4
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2455
Level: (low/med) LOW Date Received: 09/05/95
% Moisture: not dec. 7. Date Analyzed: 09/05/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

100-04/95-

000084

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S849S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: S849 S-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2455

Level: (low/med) LOW

Date Received: 09/05/95

% Moisture: not dec. 7.

Date Analyzed: 09/05/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S849S6

000085

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: S849 S-6
Sample wt/vol: 4.000 (g/mL) G Lab File ID: 02507
Level: (low/med) MED Date Received: 09/05/95
% Moisture: not dec. 9. Date Analyzed: 09/08/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 2.0
Soil Extract Volume: 10000. (uL) Soil Aliquot Volume: 50. (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
75-71-8	Dichlorodifluoromethane	2700.	U
74-87-3	Chloromethane	2700.	U
74-83-9	Bromomethane	2700.	U
75-01-4	Vinyl Chloride	2700.	U
75-00-3	Chloroethane	2700.	U
75-09-2	Methylene Chloride	1400.	U
67-64-1	Acetone	2700.	U
75-69-4	Trichlorofluoromethane	1400.	U
75-15-0	Carbon Disulfide	1400.	U
75-35-4	1,1-Dichloroethene	1400.	U
75-34-3	1,1-Dichloroethane	1400.	U
156-60-5	1,2-Dichloroethene-trans	1400.	U
594-20-7	2,2-Dichloropropane	1400.	U
156-59-2	1,2-Dichloroethene-cis	1400.	U
74-97-5	Bromochloromethane	1400.	U
67-66-3	Chloroform	1400.	U
563-58-6	1,1-Dichloro-1-propene	1400.	U
107-06-2	1,2-Dichloroethane	1400.	U
78-93-3	2-Butanone	2700.	U
71-55-6	1,1,1-Trichloroethane	1400.	U
56-23-5	Carbon Tetrachloride	1400.	U
108-05-4	Vinyl Acetate	2700.	U
75-27-4	Bromodichloromethane	1400.	U
78-87-5	1,2-Dichloropropane	1400.	U
10061-01-5	cis-1,3-Dichloropropene	1400.	U
96-18-4	1,2,3-Trichloropropane	2700.	U
74-95-3	Dibromomethane	1400.	U
79-01-6	Trichloroethene	1400.	U
124-48-1	Dibromochloromethane	1400.	U
79-00-5	1,1,2-Trichloroethane	1400.	U
71-43-2	Benzene	1400.	U
10061-02-6	trans-1,3-Dichloropropene	1400.	U
142-28-9	1,3-Dichloropropane	1400.	U
75-25-2	Bromoform	1400.	U
591-78-6	2-Hexanone	2700.	U
108-10-1	4-Methyl-2-Pentanone	2700.	U
127-18-4	Tetrachloroethene	1400.	U
79-34-5	1,1,2,2-Tetrachloroethane	1400.	U
106-93-4	Ethylene Dibromide (EDB)	1400.	U
108-88-3	Toluene	1400.	U
108-90-7	Chlorobenzene	1400.	U
630-20-6	1,1,1,2-tetrachloroethane	1400.	U
100-41-4	Ethylbenzene	1400.	U
100-42-5	Styrene	1400.	U
1330-20-7	Xylenes (total)	1400.	U
98-82-8	Isopropylbenzene	1400.	U
103-65-1	n-Propylbenzene	1400.	U

Analysis

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10/15/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000086

584936

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08652S
Matrix: (soil/water) SOIL Lab Sample ID: S849 S-6
Sample wt/vol: 4.000 (g/mL) G Lab File ID: D2507
Level: (low/med) MED Date Received: 09/05/95
% Moisture: not dec. 9. Date Analyzed: 09/08/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 2.0
Soil Extract Volume: 10000. (uL) Soil Aliquot Volume: 50. (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
108-86-1-----	Bromobenzene	1400.	U
108-67-8-----	1,3,5-Trimethylbenzene	1400.	U
95-49-8-----	2-Chlorotoluene	1400.	U
106-43-4-----	4-Chlorotoluene	1400.	U
98-06-6-----	tert-Butylbenzene	1400.	U
95-63-6-----	1,2,4-Trimethylbenzene	1400.	U
135-98-8-----	sec-Butylbenzene	1400.	U
99-87-6-----	p-Cymene	1400.	U
104-51-8-----	n-Butylbenzene	1400.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	1400.	U
120-82-1-----	1,2,4-Trichlorobenzene	47000.	
87-68-3-----	Hexachlorobutadiene	1400.	U
91-20-3-----	Naphthelene	1400.	U
87-61-6-----	1,2,3-Trichlorobenzene	15000.	

10/15/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000087

SB49S6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: SB49 S-6

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2507

Level: (low/med) MED

Date Received: 09/05/95

% Moisture: not dec. 9.

Date Analyzed: 09/08/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 50. (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.106-46-7	1,4-Dichlorobenzene	21.81	4100.	92
2. 95-50-1	1,2-Dichlorobenzene	22.02	6300.	96
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000088

S850S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 086525

Matrix: (soil/water) SOIL

Lab Sample ID: S850 S-2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02447

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: not dec. 5.

Date Analyzed: 09/05/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U

Qualify

R

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10/4/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000089

S850S2

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: S850 S-2
Sample wt/vol: 5.000 (g/mL) G Lab File ID: 02447
Level: (low/med) LOW Date Received: 09/01/95
% Moisture: not dec. 5. Date Analyzed: 09/05/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

10/15/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000090

S850S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: S850 S-2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2447

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: not dec. 5.

Date Analyzed: 09/05/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000091

S850S3

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 086525
Matrix: (soil/water) SOIL Lab Sample ID: S850 S-3
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2488
Level: (low/med) LOW Date Received: 09/01/95
% Moisture: not dec. 11. Date Analyzed: 09/07/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	6.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
594-20-7-----	2,2-Dichloropropene	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
74-97-5-----	Bromochloromethane	6.	U
67-66-3-----	Chloroform	6.	U
563-58-6-----	1,1-Dichloro-1-propene	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
142-28-9-----	1,3-Dichloropropane	6.	U
75-25-2-----	Bromoform	6.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
106-93-4-----	Ethylene Dibromide (EDB)	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
630-20-6-----	1,1,1,2-tetrachloroethane	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylenes (total)	6.	U
98-82-8-----	Isopropylbenzene	6.	U
103-65-1-----	n-Propylbenzene	6.	U
108-86-1-----	Bromobenzene	6.	U

Handwritten: 10/4/95

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Handwritten: 10/4/95

000092

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

S850S3

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: S850 S-3
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2488
Level: (low/med) LOW Date Received: 09/01/95
% Moisture: not dec. 11. Date Analyzed: 09/07/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
108-67-8-----	1,3,5-Trimethylbenzene	6.	U
95-49-8-----	2-Chlorotoluene	6.	U
106-43-4-----	4-Chlorotoluene	6.	U
98-06-6-----	tert-Butylbenzene	6.	U
95-63-6-----	1,2,4-Trimethylbenzene	6.	U
135-98-8-----	sec-Butylbenzene	6.	U
99-87-6-----	p-Cymene	6.	U
104-51-8-----	n-Butylbenzene	6.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1-----	1,2,4-Trichlorobenzene	6.	U
87-68-3-----	Hexachlorobutadiene	6.	U
91-20-3-----	Naphthalene	6.	U
87-61-6-----	1,2,3-Trichlorobenzene	6.	U

KAS
10/4/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S850S3

000093

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: S850 S-3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2488

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: not dec. 11.

Date Analyzed: 09/07/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000013

OBG50S3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG50S

Matrix: (soil/water) SOIL

Lab Sample ID: OBG50S3

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2580

Level: (low/med) MED

Date Received: 09/07/95

% Moisture: not dec. 6.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

Qualify

75-71-8-----	Dichlorodifluoromethane	1300.	U
74-87-3-----	Chloromethane	1300.	U
74-83-9-----	Bromomethane	1300.	U
75-01-4-----	Vinyl Chloride	1300.	U
75-00-3-----	Chloroethane	1300.	U
75-09-2-----	Methylene Chloride	660.	U
67-64-1-----	Acetone	1300.	U
75-69-4-----	Trichlorofluoromethane	660.	U
75-15-0-----	Carbon Disulfide	660.	U
75-35-4-----	1,1-Dichloroethene	660.	U
75-34-3-----	1,1-Dichloroethane	660.	U
156-60-5-----	1,2-Dichloroethene-trans	660.	U
594-20-7-----	2,2-Dichloropropane	660.	U
156-59-2-----	1,2-Dichloroethene-cis	660.	U
74-97-5-----	Bromochloromethane	660.	U
67-66-3-----	Chloroform	660.	U
563-58-6-----	1,1-Dichloro-1-propene	660.	U
107-06-2-----	1,2-Dichloroethane	660.	U
78-93-3-----	2-Butanone	1300.	U
71-55-6-----	1,1,1-Trichloroethane	660.	U
56-23-5-----	Carbon Tetrachloride	660.	U
108-05-4-----	Vinyl Acetate	1300.	U
75-27-4-----	Bromodichloromethane	660.	U
78-87-5-----	1,2-Dichloropropane	660.	U
10061-01-5-----	cis-1,3-Dichloropropene	660.	U
96-18-4-----	1,2,3-Trichloropropane	1300.	U
74-95-3-----	Dibromomethane	660.	U
79-01-6-----	Trichloroethene	660.	U
124-48-1-----	Dibromochloromethane	660.	U
79-00-5-----	1,1,2-Trichloroethane	660.	U
71-43-2-----	Benzene	660.	U
10061-02-6-----	trans-1,3-Dichloropropene	660.	U
142-28-9-----	1,3-Dichloropropane	660.	U
75-25-2-----	Bromoform	660.	U
591-78-6-----	2-Hexanone	1300.	U
108-10-1-----	4-Methyl-2-Pentanone	1300.	U

UJ

KB 10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

08G50S3

000014

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G50S3

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2580

Level: (low/med) MED

Date Received: 09/07/95

% Moisture: not dec. 6.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

Qualifii

127-18-4-----	Tetrachloroethene	660.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	~~660.~~	~~U~~
106-93-4-----	Ethylene Dibromide (EDB)	660.	U
108-88-3-----	Toluene	660.	U
108-90-7-----	Chlorobenzene	660.	U
630-20-6-----	1,1,1,2-tetrachloroethane	660.	U
100-41-4-----	Ethylbenzene	660.	U
100-42-5-----	Styrene	660.	U
1330-20-7-----	Xylenes (total)	660.	U
98-82-8-----	Isopropylbenzene	610.	J
103-65-1-----	n-Propylbenzene	1500.	
108-86-1-----	Bromobenzene	660.	U
108-67-8-----	1,3,5-Trimethylbenzene	660.	U
95-49-8-----	2-Chlorotoluene	660.	U
106-43-4-----	4-Chlorotoluene	660.	U
98-06-6-----	tert-Butylbenzene	660.	U
95-63-6-----	1,2,4-Trimethylbenzene	660.	U
135-98-8-----	sec-Butylbenzene	1700.	
99-87-6-----	p-Cymene	390.	J
104-51-8-----	n-Butylbenzene	3100.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	~~660.~~	~~U~~
120-82-1-----	1,2,4-Trichlorobenzene	660.	~~U~~
87-68-3-----	Hexachlorobutadiene	~~660.~~	~~U~~
91-20-3-----	Naphthalene	~~44000.~~	~~U~~
87-61-6-----	1,2,3-Trichlorobenzene	~~660.~~	~~U~~

R

23000

KG 10/5/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000015

Lab Name: AES, Inc.

Contract:

08G50S3

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G50S3

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2580

Level: (low/med) MED

Date Received: 09/07/95

% Moisture: not dec. 6.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:

Number TICs found: 10

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- - UNKNOWN HYDROCARBON	18.48	8000.	J
2.	- - UNKNOWN HYDROCARBON	19.74	7000.	J
3.	- - UNKNOWN ALKANE	20.48	4000.	J
4.	- - UNKNOWN HYDROCARBON	20.87	6000.	J
5.	- - UNKNOWN HYDROCARBON	22.16	4000.	J
6.	- - UNKNOWN AROMATIC	22.25	6000.	J
7.	- - UNKNOWN AROMATIC	22.62	10000.	J
8.	- - UNKNOWN AROMATIC	23.27	4000.	J
9.	- - UNKNOWN SUBST. CYCLOHEXANE	23.63	6000.	J
10.	- - UNKNOWN AROMATIC	23.82	5000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000019

08G50S5B

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G50S5B

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2571

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 36.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

75-71-8-----	Dichlorodifluoromethane	16.	U
74-87-3-----	Chloromethane	16.	U
74-83-9-----	Bromomethane	16.	U
75-01-4-----	Vinyl Chloride	16.	U
75-00-3-----	Chloroethane	16.	U
75-09-2-----	Methylene Chloride	8.	U
67-64-1-----	Acetone	16.	U
75-69-4-----	Trichlorofluoromethane	8.	U
75-15-0-----	Carbon Disulfide	8.	U
75-35-4-----	1,1-Dichloroethene	8.	U
75-34-3-----	1,1-Dichloroethane	8.	U
156-60-5-----	1,2-Dichloroethene-trans	8.	U
594-20-7-----	2,2-Dichloropropane	8.	U
156-59-2-----	1,2-Dichloroethene-cis	2.	J
74-97-5-----	Bromochloromethane	8.	U
67-66-3-----	Chloroform	8.	U
563-58-6-----	1,1-Dichloro-1-propene	8.	U
107-06-2-----	1,2-Dichloroethane	8.	U
78-93-3-----	2-Butanone	16.	U
71-55-6-----	1,1,1-Trichloroethane	8.	U
56-23-5-----	Carbon Tetrachloride	8.	U
108-05-4-----	Vinyl Acetate	16.	U
75-27-4-----	Bromodichloromethane	8.	U
78-87-5-----	1,2-Dichloropropane	8.	U
10061-01-5-----	cis-1,3-Dichloropropene	8.	U
96-18-4-----	1,2,3-Trichloropropane	16.	U
74-95-3-----	Dibromomethane	8.	U
79-01-6-----	Trichloroethene	25.	
124-48-1-----	Dibromochloromethane	8.	U
79-00-5-----	1,1,2-Trichloroethane	8.	U
71-43-2-----	Benzene	8.	U
10061-02-6-----	trans-1,3-Dichloropropene	8.	U
142-28-9-----	1,3-Dichloropropane	8.	U
75-25-2-----	Bromoform	8.	U
591-78-6-----	2-Hexanone	16.	U
108-10-1-----	4-Methyl-2-Pentanone	16.	U

quadrant

2

10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000020

Lab Name: AES, Inc.

Contract:

08G50S58

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G50S58

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2571

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 36.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

127-18-4-----	Tetrachloroethene	8.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	8.	U
106-93-4-----	Ethylene Dibromide (EDB)	8.	U
108-88-3-----	Toluene	4.	J
108-90-7-----	Chlorobenzene	8.	U
630-20-6-----	1,1,1,2-tetrachloroethane	8.	U
100-41-4-----	Ethylbenzene	8.	U
100-42-5-----	Styrene	8.	U
1330-20-7-----	Xylenes (total)	8.	U
98-82-8-----	Isopropylbenzene	8.	U
103-65-1-----	n-Propylbenzene	8.	U
108-86-1-----	Bromobenzene	8.	U
108-67-8-----	1,3,5-Trimethylbenzene	8.	U
95-49-8-----	2-Chlorotoluene	8.	U
106-43-4-----	4-Chlorotoluene	8.	U
98-06-6-----	tert-Butylbenzene	8.	U
95-63-6-----	1,2,4-Trimethylbenzene	8.	U
135-98-8-----	sec-Butylbenzene	8.	U
99-87-6-----	p-Cymene	8.	U
104-51-8-----	n-Butylbenzene	2.	J
96-12-8-----	1,2-dibromo-3-chloro-Propane	8.	U
120-82-1-----	1,2,4-Trichlorobenzene	8.	U
87-68-3-----	Hexachlorobutadiene	8.	U
91-20-3-----	Naphthalene	8.	U
87-61-6-----	1,2,3-Trichlorobenzene	8.	U

analyzed

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

08G50S58

000021

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G50S58

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02571

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 36.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 4

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN AROMATIC	22.65	10.	J
2. - -	UNKNOWN AROMATIC	23.22	6.	J
3. - -	UNKNOWN	23.77	8.	J
4. - -	UNKNOWN	24.30	8.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000022

08G51S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G51S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2567

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 8.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

Qualify

2

LAS 10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

08G51S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G51S2

000023

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2567

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 8.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	2.	J
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

Qualitative

UJ

UJ

1/83 10/5/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000024

08G51S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G51S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2567

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 8.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000025

OBG51S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG50S

Matrix: (soil/water) SOIL

Lab Sample ID: OBG51S4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2550

Level: (low/med) MED

Date Received: 09/07/95

% Moisture: not dec. 7.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

75-71-8-----	Dichlorodifluoromethane	1300.	U
74-87-3-----	Chloromethane	1300.	U
74-83-9-----	Bromomethane	1300.	U
75-01-4-----	Vinyl Chloride	1300.	U
75-00-3-----	Chloroethane	1300.	U
75-09-2-----	Methylene Chloride	710.	U
67-64-1-----	Acetone	1300.	U
75-69-4-----	Trichlorofluoromethane	670.	U
75-15-0-----	Carbon Disulfide	670.	U
75-35-4-----	1,1-Dichloroethene	670.	U
75-34-3-----	1,1-Dichloroethane	670.	U
156-60-5-----	1,2-Dichloroethene-trans	670.	U
594-20-7-----	2,2-Dichloropropane	670.	U
156-59-2-----	1,2-Dichloroethene-cis	670.	U
74-97-5-----	Bromochloromethane	670.	U
67-66-3-----	Chloroform	670.	U
563-58-6-----	1,1-Dichloro-1-propene	670.	U
107-06-2-----	1,2-Dichloroethane	670.	U
78-93-3-----	2-Butanone	1300.	U
71-55-6-----	1,1,1-Trichloroethane	670.	U
56-23-5-----	Carbon Tetrachloride	670.	U
108-05-4-----	Vinyl Acetate	1300.	U
75-27-4-----	Bromodichloromethane	670.	U
78-87-5-----	1,2-Dichloropropane	670.	U
10061-01-5-----	cis-1,3-Dichloropropene	670.	U
96-18-4-----	1,2,3-Trichloropropane	1300.	U
74-95-3-----	Dibromomethane	670.	U
79-01-6-----	Trichloroethene	670.	U
124-48-1-----	Dibromochloromethane	670.	U
79-00-5-----	1,1,2-Trichloroethane	670.	U
71-43-2-----	Benzene	670.	U
10061-02-6-----	trans-1,3-Dichloropropene	670.	U
142-28-9-----	1,3-Dichloropropane	670.	U
75-25-2-----	Bromoform	670.	U
591-78-6-----	2-Hexanone	1300.	U
108-10-1-----	4-Methyl-2-Pentanone	1300.	U

Qualifine

UJ

UJ

UJ

UJ

K03 10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000026

08G51S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G51S4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2550

Level: (low/med) MED

Date Received: 09/07/95

% Moisture: not dec. 7.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

127-18-4-----Tetrachloroethene	670.	U
79-34-5-----1,1,2,2-Tetrachloroethane	~~670.~~	~~U~~
106-93-4-----Ethylene Dibromide (EDB)	670.	U
108-88-3-----Toluene	670.	U
108-90-7-----Chlorobenzene	670.	U
630-20-6-----1,1,1,2-tetrachloroethane	670.	U
100-41-4-----Ethylbenzene	670.	U
100-42-5-----Styrene	670.	U
1330-20-7-----Xylenes (total)	670.	U
98-82-8-----Isopropylbenzene	670.	U
103-65-1-----n-Propylbenzene	670.	U
108-86-1-----Bromobenzene	670.	U
108-67-8-----1,3,5-Trimethylbenzene	670.	U
95-49-8-----2-Chlorotoluene	670.	U
106-43-4-----4-Chlorotoluene	670.	U
98-06-6-----tert-Butylbenzene	670.	U
95-63-6-----1,2,4-Trimethylbenzene	670.	U
135-98-8-----sec-Butylbenzene	670.	U
99-87-6-----p-Cymene	670.	U
104-51-8-----n-Butylbenzene	670.	U
96-12-8-----1,2-dibromo-3-chloro-Propane	~~670.~~	~~U~~
120-82-1-----1,2,4-Trichlorobenzene	~~670.~~	~~U~~
87-68-3-----Hexachlorobutadiene	670.	U
91-20-3-----Naphthalene	1900.	
87-61-6-----1,2,3-Trichlorobenzene	~~670.~~	~~U~~

Qualify

R

J

10/5/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000027

08G51S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G51S4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2550

Level: (low/med) MED

Date Received: 09/07/95

% Moisture: not dec. 7.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 10

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	19.92	3000.	J
2.	UNKNOWN	21.00	2000.	J
3.	UNKNOWN	21.76	2000.	J
4.	UNKNOWN HYDROCARBON	22.10	2000.	J
5.	UNKNOWN AROMATIC	22.22	3000.	J
6.	UNKNOWN AROMATIC	22.59	6000.	J
7.	UNKNOWN	23.60	2000.	J
8.	UNKNOWN AROMATIC	23.76	2000.	J
9.	UNKNOWN	24.06	1000.	J
10.	UNKNOWN	24.29	3000.	J
11.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000061

Lab Name: AES, Inc.

Contract:

X-2

090515-4

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: X-2

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: D2572

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 9.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

75-71-8-----	Dichlorodifluoromethane	55.	U
74-87-3-----	Chloromethane	55.	U
74-83-9-----	Bromomethane	55.	U
75-01-4-----	Vinyl Chloride	55.	U
75-00-3-----	Chloroethane	55.	U
75-09-2-----	Methylene Chloride	27.	U
67-64-1-----	Acetone	120.	
75-69-4-----	Trichlorofluoromethane	27.	U
75-15-0-----	Carbon Disulfide	27.	U
75-35-4-----	1,1-Dichloroethene	27.	U
75-34-3-----	1,1-Dichloroethane	27.	U
156-60-5-----	1,2-Dichloroethene-trans	27.	U
594-20-7-----	2,2-Dichloropropane	27.	U
156-59-2-----	1,2-Dichloroethene-cis	27.	U
74-97-5-----	Bromochloromethane	27.	U
67-66-3-----	Chloroform	27.	U
563-58-6-----	1,1-Dichloro-1-propene	27.	U
107-06-2-----	1,2-Dichloroethane	27.	U
78-93-3-----	2-Butanone	120.	
71-55-6-----	1,1,1-Trichloroethane	27.	U
56-23-5-----	Carbon Tetrachloride	27.	U
108-05-4-----	Vinyl Acetate	55.	U
75-27-4-----	Bromodichloromethane	27.	U
78-87-5-----	1,2-Dichloropropane	27.	U
10061-01-5-----	cis-1,3-Dichloropropene	27.	U
96-18-4-----	1,2,3-Trichloropropane	55.	U
74-95-3-----	Dibromomethane	27.	U
79-01-6-----	Trichloroethene	27.	U
124-48-1-----	Dibromochloromethane	27.	U
79-00-5-----	1,1,2-Trichloroethane	27.	U
71-43-2-----	Benzene	27.	U
10061-02-6-----	trans-1,3-Dichloropropene	27.	U
142-28-9-----	1,3-Dichloropropane	27.	U
75-25-2-----	Bromoform	27.	U
591-78-6-----	2-Hexanone	55.	U
108-10-1-----	4-Methyl-2-Pentanone	55.	U

Qualifier

R

1/5/95/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000062

X-2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: X-2

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: D2572

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 9.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

Qualify

UJ

UJ

J

127-18-4-----	Tetrachloroethene	27.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	27.	U
106-93-4-----	Ethylene Dibromide (EDB)	27.	U
108-88-3-----	Toluene	13.	J
108-90-7-----	Chlorobenzene	27.	U
630-20-6-----	1,1,1,2-tetrachloroethane	27.	U
100-41-4-----	Ethylbenzene	27.	U
100-42-5-----	Styrene	27.	U
1330-20-7-----	Xylenes (total)	27.	U
98-82-8-----	Isopropylbenzene	27.	U
103-65-1-----	n-Propylbenzene	27.	U
108-86-1-----	Bromobenzene	27.	U
108-67-8-----	1,3,5-Trimethylbenzene	27.	U
95-49-8-----	2-Chlorotoluene	27.	U
106-43-4-----	4-Chlorotoluene	27.	U
98-06-6-----	tert-Butylbenzene	27.	U
95-63-6-----	1,2,4-Trimethylbenzene	27.	U
135-98-8-----	sec-Butylbenzene	27.	U
99-87-6-----	p-Cymene	27.	U
104-51-8-----	n-Butylbenzene	27.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	27.	U
120-82-1-----	1,2,4-Trichlorobenzene	27.	U
87-68-3-----	Hexachlorobutadiene	27.	U
91-20-3-----	Naphthalene	580.	
87-61-6-----	1,2,3-Trichlorobenzene	27.	U

*10/5/95
KAS*

000063

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X-2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: X-2

Sample wt/vol: 1.000 (g/mL) G

Lab File ID: D2572

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 9.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 10

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.	- - UNKNOWN HYDROCARBON	19.42	1000.	J
3.	- - UNKNOWN ALKANE	19.95	1000.	J
4.	- - UNKNOWN HYDROCARBON	20.25	700.	J
5.	- - UNKNOWN	20.48	800.	J
6.	- - UNKNOWN	20.87	1000.	J
7.	- - UNKNOWN HYDROCARBON	21.03	900.	J
8.				
9.	- - UNKNOWN HYDROCARBON	21.26	700.	J
10.	- - UNKNOWN HYDROCARBON	21.79	1000.	J
11.	- - UNKNOWN HYDROCARBON	22.23	1000.	J
12.	- - UNKNOWN AROMATIC	22.60	1000.	J
13.				
14.				
15.				
16.				
17.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000031

OBG51S5BRE

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG50S

Matrix: (soil/water) SOIL

Lab Sample ID: OBG51S5B

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2579

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 6.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

g

Qualify

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

W.R.

*10/5/95
km*

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000032

OBG51S5BRE

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG50S

Matrix: (soil/water) SOIL

Lab Sample ID: OBG51S5B

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2579

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 6.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

Qualify

UJ
UJ

KAS 10/5/95

000033

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

08G51S58RE

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G51S58

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2579

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 6.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 10

(ug/L or ug/Kg) UG/KG

Qualif

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	21.92	5.	J
2.				
3.	UNKNOWN HYDROCARBON	22.24	10.	J
4.	UNKNOWN HYDROCARBON	22.68	10.	JB
5.	UNKNOWN ALKANE	22.91	6.	J
6.	UNKNOWN HYDROCARBON	23.65	10.	JB
7.	UNKNOWN	23.81	10.	JB
8.	UNKNOWN HYDROCARBON	24.34	20.	JB
9.	UNKNOWN HYDROCARBON	24.59	10.	JB
10.	UNKNOWN AROMATIC	25.35	9.	J
11.	UNKNOWN	25.81	10.	J
12.				
13.				
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*R**R**R**KAS
10/5/95*

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

08G52S2

000034

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: 08G52 S-2
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2451
Level: (low/med) LOW Date Received: 09/05/95
% Moisture: not dec. 24. Date Analyzed: 09/05/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	q
75-71-8-----	Dichlorodifluoromethane	13. U	
74-87-3-----	Chloromethane	13. U	
74-83-9-----	Bromomethane	~~13. U~~	~~12~~
75-01-4-----	Vinyl Chloride	13. U	125
75-00-3-----	Chloroethane	13. U	
75-09-2-----	Methylene Chloride	7. U	
67-64-1-----	Acetone	13. U	125
75-69-4-----	Trichlorofluoromethane	7. U	
75-15-0-----	Carbon Disulfide	7. U	
75-35-4-----	1,1-Dichloroethene	7. U	
75-34-3-----	1,1-Dichloroethane	7. U	
156-60-5-----	1,2-Dichloroethene-trans	7. U	
594-20-7-----	2,2-Dichloropropane	7. U	
156-59-2-----	1,2-Dichloroethene-cis	7. U	
74-97-5-----	Bromochloromethane	7. U	
67-66-3-----	Chloroform	~~3. U~~	7u
563-58-6-----	1,1-Dichloro-1-propene	7. U	
107-06-2-----	1,2-Dichloroethane	7. U	
78-93-3-----	2-Butanone	13. U	
71-55-6-----	1,1,1-Trichloroethane	7. U	
56-23-5-----	Carbon Tetrachloride	7. U	
108-05-4-----	Vinyl Acetate	13. U	
75-27-4-----	Bromodichloromethane	7. U	
78-87-5-----	1,2-Dichloropropane	7. U	
10061-01-5-----	cis-1,3-Dichloropropene	7. U	
96-18-4-----	1,2,3-Trichloropropane	13. U	
74-95-3-----	Dibromomethane	7. U	
79-01-6-----	Trichloroethene	7. U	
124-48-1-----	Dibromochloromethane	7. U	
79-00-5-----	1,1,2-Trichloroethane	7. U	
71-43-2-----	Benzene	7. U	
10061-02-6-----	trans-1,3-Dichloropropene	7. U	
142-28-9-----	1,3-Dichloropropane	7. U	
75-25-2-----	Bromoform	7. U	
591-78-6-----	2-Hexanone	13. U	
108-10-1-----	4-Methyl-2-Pentanone	13. U	
127-18-4-----	Tetrachloroethene	7. U	
79-34-5-----	1,1,2,2-Tetrachloroethane	7. U	
106-93-4-----	Ethylene Dibromide (EDB)	7. U	
108-88-3-----	Toluene	2. U	
108-90-7-----	Chlorobenzene	7. U	
630-20-6-----	1,1,1,2-tetrachloroethane	7. U	
100-41-4-----	Ethylbenzene	7. U	
100-42-5-----	Styrene	7. U	125
1330-20-7-----	Xylenes (total)	7. U	
98-82-8-----	Isopropylbenzene	7. U	
103-65-1-----	n-Propylbenzene	7. U	
108-86-1-----	Bromobenzene	7. U	

Qualify

12

125

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125

YES 10/4/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000035

08G52S2

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: 08G52 S-2
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2451
Level: (low/med) LOW Date Received: 09/05/95
% Moisture: not dec. 24. Date Analyzed: 09/05/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	q
108-67-8-----	1,3,5-Trimethylbenzene	7.	U
95-49-8-----	2-Chlorotoluene	7.	U
106-43-4-----	4-Chlorotoluene	7.	U
98-06-6-----	tert-Butylbenzene	7.	U
95-63-6-----	1,2,4-Trimethylbenzene	7.	U
135-98-8-----	sec-Butylbenzene	7.	U
99-87-6-----	p-Cymene	7.	U
104-51-8-----	n-Butylbenzene	7.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	7.	U
120-82-1-----	1,2,4-Trichlorobenzene	7.	U
87-68-3-----	Hexachlorobutadiene	7.	U
91-20-3-----	Naphthalene	7.	U
87-61-6-----	1,2,3-Trichlorobenzene	7.	U

Kis 12/4/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

08G52S2

000036

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G52 S-2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02451

Level: (low/med) LOW

Date Received: 09/05/95

% Moisture: not dec. 24.

Date Analyzed: 09/05/95

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

08G52S5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G52 S-5

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2513

Level: (low/med) LOW

Date Received: 09/05/95

% Moisture: not dec. 8.

Date Analyzed: 09/08/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U

000037

Qualif

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V. 10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000038

08G5255

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G525
Matrix: (soil/water) SOIL Lab Sample ID: 08G52 S-5
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2513
Level: (low/med) LOW Date Received: 09/05/95
% Moisture: not dec. 8. Date Analyzed: 09/08/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	4.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

Qualify

5u

Kas 10/4/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000039

08G52S5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G52 S-5

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2513

Level: (low/med) LOW

Date Received: 09/05/95

% Moisture: not dec. 8.

Date Analyzed: 09/08/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 11

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	19.93	20.	J
2.	UNKNOWN	20.97	30.	J
3.	UNKNOWN ALKANE	21.22	30.	J
4.	UNKNOWN ALKANE	21.89	70.	J
5.	UNKNOWN ALKANE	22.21	30.	J
6.	UNKNOWN	23.13	20.	J
7.	UNKNOWN	23.32	20.	J
8.	UNKNOWN SUBST. CYCLOHEXANE	23.62	40.	J
9.	UNKNOWN	23.78	30.	J
10.	UNKNOWN	24.17	30.	J
11.	UNKNOWN	24.31	40.	J
12.				
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Qualified

R

KG 10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

08G53S3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G53S3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2564

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 14.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

75-71-8-----	Dichlorodifluoromethane	12.	U
74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-69-4-----	Trichlorofluoromethane	6.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
594-20-7-----	2,2-Dichloropropane	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
74-97-5-----	Bromochloromethane	6.	U
67-66-3-----	Chloroform	6.	U
563-58-6-----	1,1-Dichloro-1-propene	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	12.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
96-18-4-----	1,2,3-Trichloropropane	12.	U
74-95-3-----	Dibromomethane	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
142-28-9-----	1,3-Dichloropropane	6.	U
75-25-2-----	Bromoform	6.	U
591-78-6-----	2-Hexanone	12.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U

Qualifier

R

K6 10/5/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

08G53S3

000035

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G53S3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2564

Level: (low/med) LOW

Date Received: 09/07/95

Moisture: not dec. 14.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

Qualif

127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
106-93-4-----	Ethylene Dibromide (EDB)	6.	U
108-88-3-----	Toluene	2.	J
108-90-7-----	Chlorobenzene	6.	U
630-20-6-----	1,1,1,2-tetrachloroethane	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylenes (total)	6.	U
98-82-8-----	Isopropylbenzene	6.	U
103-65-1-----	n-Propylbenzene	6.	U
108-86-1-----	Bromobenzene	6.	U
108-67-8-----	1,3,5-Trimethylbenzene	6.	U
95-49-8-----	2-Chlorotoluene	6.	U
106-43-4-----	4-Chlorotoluene	6.	U
98-06-6-----	tert-Butylbenzene	6.	U
95-63-6-----	1,2,4-Trimethylbenzene	6.	U
135-98-8-----	sec-Butylbenzene	6.	U
99-87-6-----	p-Cymene	6.	U
104-51-8-----	n-Butylbenzene	6.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1-----	1,2,4-Trichlorobenzene	6.	U
87-68-3-----	Hexachlorobutadiene	6.	U
91-20-3-----	Naphthalene	6.	U
87-61-6-----	1,2,3-Trichlorobenzene	6.	U

UJ

UJ

KG 10/5/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000036

Lab Name: AES, Inc.

Contract:

08G53S3

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G53S3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2564

Level: (Low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 14.

Date Analyzed: 09/12/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 10

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- - UNKNOWN ALKANE	19.92	7.	J
2.	- - UNKNOWN	21.90	20.	J
3.	- - UNKNOWN HYDROCARBON	22.11	9.	J
4.	- - UNKNOWN	22.20	10.	J
5.				
6.	- - UNKNOWN HYDROCARBON	22.64	9.	J
7.	- - UNKNOWN HYDROCARBON	23.60	9.	J
8.	- - UNKNOWN	23.77	10.	J
9.	- - UNKNOWN HYDROCARBON	24.30	20.	J
10.	- - UNKNOWN AROMATIC	25.31	10.	J
11.	- - UNKNOWN	25.79	9.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000037

08G53S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G53S4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2578

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 16.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

Qualifin

WJ. R

75-71-8-----	Dichlorodifluoromethane	12.	U
74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	48.	
75-69-4-----	Trichlorofluoromethane	6.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
594-20-7-----	2,2-Dichloropropane	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
74-97-5-----	Bromochloromethane	6.	U
67-66-3-----	Chloroform	6.	U
563-58-6-----	1,1-Dichloro-1-propene	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	12.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
96-18-4-----	1,2,3-Trichloropropane	12.	U
74-95-3-----	Dibromomethane	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
142-28-9-----	1,3-Dichloropropane	6.	U
75-25-2-----	Bromoform	6.	U
591-78-6-----	2-Hexanone	12.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U

15/95 KAS

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000038

08G53S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G53S4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2578

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 16.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Qualifin

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
106-93-4-----	Ethylene Dibromide (EDB)	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
630-20-6-----	1,1,1,2-tetrachloroethane	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylenes (total)	6.	U
98-82-8-----	Isopropylbenzene	6.	U
103-65-1-----	n-Propylbenzene	6.	U
108-86-1-----	Bromobenzene	6.	U
108-67-8-----	1,3,5-Trimethylbenzene	6.	U
95-49-8-----	2-Chlorotoluene	6.	U
106-43-4-----	4-Chlorotoluene	6.	U
98-06-6-----	tert-Butylbenzene	6.	U
95-63-6-----	1,2,4-Trimethylbenzene	6.	U
135-98-8-----	sec-Butylbenzene	6.	U
99-87-6-----	p-Cymene	6.	U
104-51-8-----	n-Butylbenzene	6.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1-----	1,2,4-Trichlorobenzene	6.	U
87-68-3-----	Hexachlorobutadiene	6.	U
91-20-3-----	Naphthalene	6.	U
87-61-6-----	1,2,3-Trichlorobenzene	6.	U

10/5/95

10/5/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

08G53S4

000039

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G50S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G53S4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2578

Level: (low/med) LOW

Date Received: 09/07/95

% Moisture: not dec. 16.

Date Analyzed: 09/13/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 10

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	19.98	100.	J
2.	UNKNOWN ALKANE	20.48	80.	J
3.				
4.	UNKNOWN HYDROCARBON	21.17	70.	J
5.	UNKNOWN ALKANE	21.27	100.	J
6.	UNKNOWN HYDROCARBON	21.80	200.	J
7.	UNKNOWN HYDROCARBON	22.16	100.	J
8.	UNKNOWN HYDROCARBON	22.26	100.	J
9.	UNKNOWN	22.49	70.	J
10.	UNKNOWN AROMATIC	22.63	100.	J
11.	UNKNOWN HYDROCARBON	22.69	90.	J _B
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000040

08G54S2

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: 08G54 S-2
Sample wt/vol: 5.000 (g/mL) G Lab File ID: 02445
Level: (low/med) LOW Date Received: 09/01/95
% Moisture: not dec. 8. Date Analyzed: 09/05/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U

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000041

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

08G54S2

Lab Name: AES, Inc. Contract:
 Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
 Matrix: (soil/water) SOIL Lab Sample ID: 08G54 S-2
 Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2445
 Level: (low/med) LOW Date Received: 09/01/95
 % Moisture: not dec. 8. Date Analyzed: 09/05/95
 GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

KCS 10/4/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000042

08G54S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G54 S-2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2445

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: not dec. 8.

Date Analyzed: 09/05/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000043

08G54S4

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: 08G54 S-4
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2487
Level: (low/med) LOW Date Received: 09/01/95
% Moisture: not dec. 8. Date Analyzed: 09/07/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	g
75-71-8	Dichlorodifluoromethane	11.	U	
74-87-3	Chloromethane	11.	U	
74-83-9	Bromomethane	11.	U	
75-01-4	Vinyl Chloride	11.	U	
75-00-3	Chloroethane	11.	U	
75-09-2	Methylene Chloride	7.	B	
67-64-1	Acetone	14.		
75-69-4	Trichlorofluoromethane	5.	U	
75-15-0	Carbon Disulfide	5.	U	
75-35-4	1,1-Dichloroethene	5.	U	
75-34-3	1,1-Dichloroethane	5.	U	
156-60-5	1,2-Dichloroethene-trans	5.	U	
594-20-7	2,2-Dichloropropane	5.	U	
156-59-2	1,2-Dichloroethene-cis	5.	U	
74-97-5	Bromochloromethane	5.	U	
67-66-3	Chloroform	5.	U	
563-58-6	1,1-Dichloro-1-propene	5.	U	
107-06-2	1,2-Dichloroethane	5.	U	
78-93-3	2-Butanone	11.	U	
71-55-6	1,1,1-Trichloroethane	5.	U	
56-23-5	Carbon Tetrachloride	5.	U	
108-05-4	Vinyl Acetate	11.	U	
75-27-4	Bromodichloromethane	5.	U	
78-87-5	1,2-Dichloropropane	5.	U	
10061-01-5	cis-1,3-Dichloropropene	5.	U	
96-18-4	1,2,3-Trichloropropane	11.	U	
74-95-3	Dibromomethane	5.	U	
79-01-6	Trichloroethene	5.	U	
124-48-1	Dibromochloromethane	5.	U	
79-00-5	1,1,2-Trichloroethane	5.	U	
71-43-2	Benzene	5.	U	
10061-02-6	trans-1,3-Dichloropropene	5.	U	
142-28-9	1,3-Dichloropropane	5.	U	
75-25-2	Bromoform	5.	U	
591-78-6	2-Hexanone	11.	U	
108-10-1	4-Methyl-2-Pentanone	11.	U	
127-18-4	Tetrachloroethene	5.	U	
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	
106-93-4	Ethylene Dibromide (EDB)	5.	U	
108-88-3	Toluene	5.	U	
108-90-7	Chlorobenzene	5.	U	
630-20-6	1,1,1,2-tetrachloroethane	5.	U	
100-41-4	Ethylbenzene	5.	U	
100-42-5	Styrene	5.	U	
1330-20-7	Xylenes (total)	5.	U	
98-82-8	Isopropylbenzene	5.	U	
103-65-1	n-Propylbenzene	5.	U	

Qualify

R

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US

Nov 12/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000044

08G54S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G54 S-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2487

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: not dec. 8.

Date Analyzed: 09/07/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	g
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

FORM I VOA

3/90

10/10/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000045

08G54S4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G54 S-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2487

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: not dec. 8.

Date Analyzed: 09/07/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 4

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN	22.70	7.	J
2. - -	UNKNOWN ALKANE	23.16	5.	J
3. - -	UNKNOWN ALKANE	23.57	5.	J
4. - -	UNKNOWN ALKANE	24.40	7.	J
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000046

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OBG55S3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG52S

Matrix: (soil/water) SOIL

Lab Sample ID: OBG55 S-3

Sample wt/vol: 3.000 (g/mL) G

Lab File ID: D2512

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: not dec. 11.

Date Analyzed: 09/08/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
75-71-8-----	Dichlorodifluoromethane	19.	U
74-87-3-----	Chloromethane	19.	U
74-83-9-----	Bromomethane	19.	U
75-01-4-----	Vinyl Chloride	19.	U
75-00-3-----	Chloroethane	19.	U
75-09-2-----	Methylene Chloride	9.	U
67-64-1-----	Acetone	19.	U
75-69-4-----	Trichlorofluoromethane	9.	U
75-15-0-----	Carbon Disulfide	9.	U
75-35-4-----	1,1-Dichloroethene	9.	U
75-34-3-----	1,1-Dichloroethane	9.	U
156-60-5-----	1,2-Dichloroethene-trans	9.	U
594-20-7-----	2,2-Dichloropropane	9.	U
156-59-2-----	1,2-Dichloroethene-cis	9.	U
74-97-5-----	Bromochloromethane	9.	U
67-66-3-----	Chloroform	9.	U
563-58-6-----	1,1-Dichloro-1-propene	9.	U
107-06-2-----	1,2-Dichloroethane	9.	U
78-93-3-----	2-Butanone	19.	U
71-55-6-----	1,1,1-Trichloroethane	9.	U
56-23-5-----	Carbon Tetrachloride	9.	U
108-05-4-----	Vinyl Acetate	19.	U
75-27-4-----	Bromodichloromethane	9.	U
78-87-5-----	1,2-Dichloropropane	9.	U
10061-01-5-----	cis-1,3-Dichloropropene	9.	U
96-18-4-----	1,2,3-Trichloropropane	19.	U
74-95-3-----	Dibromomethane	9.	U
79-01-6-----	Trichloroethene	9.	U
124-48-1-----	Dibromochloromethane	9.	U
79-00-5-----	1,1,2-Trichloroethane	9.	U
71-43-2-----	Benzene	9.	U
10061-02-6-----	trans-1,3-Dichloropropene	9.	U
142-28-9-----	1,3-Dichloropropane	9.	U
75-25-2-----	Bromoform	9.	U
591-78-6-----	2-Hexanone	19.	U
108-10-1-----	4-Methyl-2-Pentanone	19.	U
127-18-4-----	Tetrachloroethene	9.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	9.	U
106-93-4-----	Ethylene Dibromide (EDB)	9.	U
108-88-3-----	Toluene	9.	U
108-90-7-----	Chlorobenzene	9.	U
630-20-6-----	1,1,1,2-tetrachloroethane	9.	U
100-41-4-----	Ethylbenzene	9.	U
100-42-5-----	Styrene	9.	U
1330-20-7-----	Xylenes (total)	9.	U
98-82-8-----	Isopropylbenzene	9.	U
103-65-1-----	n-Propylbenzene	9.	U
108-86-1-----	Bromobenzene	9.	U

Qualify

R
W.

W

10/5/95

000047

EPA SAMPLE NO.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

OBG55S3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG52S

Matrix: (soil/water) SOIL

Lab Sample ID: OBG55 S-3

Sample wt/vol: 3.000 (g/mL) G

Lab File ID: D2512

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: not dec. 11.

Date Analyzed: 09/08/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-67-8-----	1,3,5-Trimethylbenzene	89.	
95-49-8-----	2-Chlorotoluene	9.	U
106-43-4-----	4-Chlorotoluene	9.	U
98-06-6-----	tert-Butylbenzene	9.	U
95-63-6-----	1,2,4-Trimethylbenzene	150.	
135-98-8-----	sec-Butylbenzene	9.	U
99-87-6-----	p-Cymene	22.	
104-51-8-----	n-Butylbenzene	9.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	9.	U
120-82-1-----	1,2,4-Trichlorobenzene	9.	U
87-68-3-----	Hexachlorobutadiene	9.	U
91-20-3-----	Naphthalene	190.	
87-61-6-----	1,2,3-Trichlorobenzene	9.	U

FORM I VOA

3/90

Kos
10/5/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

000048
EPA SAMPLE NO.

OBG55S3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG52S

Matrix: (soil/water) SOIL

Lab Sample ID: OBG55 S-3

Sample wt/vol: 3.000 (g/mL) G

Lab File ID: D2512

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: not dec. 11.

Date Analyzed: 09/08/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 11

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN ALKANE	16.80	80.	J
2. - -	UNKNOWN ALKANE	17.70	100.	J
3. - -	UNKNOWN ALKANE	18.49	300.	J
4. - -	UNKNOWN ALKANE	18.74	80.	J
5. - -	UNKNOWN	19.45	100.	J
6. - -	UNKNOWN ALKANE	19.96	100.	J
7. - -	UNKNOWN CYCLIC COMPOUND	20.81	80.	J
8. - -	UNKNOWN	22.22	80.	J
9. - -	UNKNOWN AROMATIC	22.61	100.	J
10. - -	UNKNOWN ALKANE	24.13	100.	J
11. - -	UNKNOWN ALKANE	24.34	80.	J
12.				
13.				
14.				
15.				
16.				
17.				
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29.				
30.				

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

X-1

(UG-55 5-3 Day)

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: D2517

Level: (low/med) MED

Date Received: 09/01/95

% Moisture: not dec. 10.

Date Analyzed: 09/08/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/KG	q
75-71-8-----	Dichlorodifluoromethane	1400.	U	
74-87-3-----	Chloromethane	1400.	U	
74-83-9-----	Bromomethane	1400.	U	
75-01-4-----	Vinyl Chloride	1400.	U	
75-00-3-----	Chloroethane	1400.	U	
75-09-2-----	Methylene Chloride	690.	U	
67-64-1-----	Acetone	1400.	U	
75-69-4-----	Trichlorofluoromethane	690.	U	
75-15-0-----	Carbon Disulfide	690.	U	
75-35-4-----	1,1-Dichloroethene	690.	U	
75-34-3-----	1,1-Dichloroethane	690.	U	
156-60-5-----	1,2-Dichloroethene-trans	690.	U	
594-20-7-----	2,2-Dichloropropane	690.	U	
156-59-2-----	1,2-Dichloroethene-cis	690.	U	
74-97-5-----	Bromochloromethane	690.	U	
67-66-3-----	Chloroform	690.	U	
563-58-6-----	1,1-Dichloro-1-propene	690.	U	
107-06-2-----	1,2-Dichloroethane	690.	U	
78-93-3-----	2-Butanone	1400.	U	
71-55-6-----	1,1,1-Trichloroethane	690.	U	
56-23-5-----	Carbon Tetrachloride	690.	U	
108-05-4-----	Vinyl Acetate	1400.	U	
75-27-4-----	Bromodichloromethane	690.	U	
78-87-5-----	1,2-Dichloropropane	690.	U	
10061-01-5-----	cis-1,3-Dichloropropene	690.	U	
96-18-4-----	1,2,3-Trichloropropene	1400.	U	
74-95-3-----	Dibromomethane	690.	U	
79-01-6-----	Trichloroethene	690.	U	
124-48-1-----	Dibromochloromethane	690.	U	
79-00-5-----	1,1,2-Trichloroethane	690.	U	
71-43-2-----	Benzene	690.	U	
10061-02-6-----	trans-1,3-Dichloropropene	690.	U	
142-28-9-----	1,3-Dichloropropane	690.	U	
75-25-2-----	Bromoform	690.	U	
591-78-6-----	2-Hexanone	1400.	U	
108-10-1-----	4-Methyl-2-Pentanone	1400.	U	
127-18-4-----	Tetrachloroethene	690.	U	
79-34-5-----	1,1,2,2-Tetrachloroethane	690.	U	
106-93-4-----	Ethylene Dibromide (EDB)	690.	U	
108-88-3-----	Toluene	690.	U	
108-90-7-----	Chlorobenzene	690.	U	
630-20-6-----	1,1,1,2-tetrachloroethane	690.	U	
100-41-4-----	Ethylbenzene	690.	U	
100-42-5-----	Styrene	690.	U	
1330-20-7-----	Xylenes (total)	490.	U	
98-82-8-----	Isopropylbenzene	690.	U	
103-65-1-----	n-Propylbenzene	690.	U	

UJ

R

10/15/95

000095

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: 02517

Level: (low/med) MED

Date Received: 09/01/95

% Moisture: not dec. 10.

Date Analyzed: 09/08/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-86-1-----	Bromobenzene	690.	U
108-67-8-----	1,3,5-Trimethylbenzene	2600.	
95-49-8-----	2-Chlorotoluene	690.	U
106-43-4-----	4-Chlorotoluene	690.	U
98-06-6-----	tert-Butylbenzene	690.	U
95-63-6-----	1,2,4-Trimethylbenzene	5700.	
135-98-8-----	sec-Butylbenzene	190.	J
99-87-6-----	p-Cymene	670.	J
104-51-8-----	n-Butylbenzene	690.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	690.	U
120-82-1-----	1,2,4-Trichlorobenzene	690.	U
87-68-3-----	Hexachlorobutadiene	690.	U
91-20-3-----	Naphthalene	4500.	
87-61-6-----	1,2,3-Trichlorobenzene	690.	U

10/5/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X-1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: 08652S

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: 02517

Level: (low/med) MED

Date Received: 09/01/95

% Moisture: not dec. 10.

Date Analyzed: 09/08/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:

Number TICs found: 11

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	- - UNKNOWN ALKANE	19.94	4000.	J
2.	- - UNKNOWN ALKANE	21.90	5000.	J
3.	- - UNKNOWN AROMATIC	22.22	5000.	J
4.	- - UNKNOWN AROMATIC	22.38	3000.	J
5.	- - UNKNOWN AROMATIC	22.59	3000.	J
6.	- - UNKNOWN AROMATIC	23.07	2000.	J
7.	- - UNKNOWN AROMATIC	23.24	2000.	J
8.	- - UNKNOWN SUBST. CYCLOHEXANEE	23.60	4000.	J
9.	- - UNKNOWN	23.79	3000.	J
10.	- - UNKNOWN	24.32	3000.	J
11.	- - UNKNOWN	25.86	2000.	J
12.				
13.				
14.				
15.				
16.				
17.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000049

OBG55S6

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: OBG52S
Matrix: (soil/water) SOIL Lab Sample ID: OBG55 S-6
Sample wt/vol: 5.000 (g/mL) G Lab File ID: D2489
Level: (low/med) LOW Date Received: 09/01/95
% Moisture: not dec. 23. Date Analyzed: 09/07/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
75-71-8-----	Dichlorodifluoromethane	13.	U
74-87-3-----	Chloromethane	13.	U
74-83-9-----	Bromomethane	13.	U
75-01-4-----	Vinyl Chloride	13.	U
75-00-3-----	Chloroethane	13.	U
75-09-2-----	Methylene Chloride	9.	B
67-64-1-----	Acetone	13.	J
75-69-4-----	Trichlorofluoromethane	6.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
594-20-7-----	2,2-Dichloropropane	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
74-97-5-----	Bromochloromethane	6.	U
67-66-3-----	Chloroform	6.	U
563-58-6-----	1,1-Dichloro-1-propene	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	13.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	13.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
96-18-4-----	1,2,3-Trichloropropane	13.	U
74-95-3-----	Dibromomethane	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
142-28-9-----	1,3-Dichloropropane	6.	U
75-25-2-----	Bromoform	6.	U
591-78-6-----	2-Hexanone	13.	U
108-10-1-----	4-Methyl-2-Pentanone	13.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
106-93-4-----	Ethylene Dibromide (EDB)	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
630-20-6-----	1,1,1,2-tetrachloroethane	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylenes (total)	6.	U
98-82-8-----	Isopropylbenzene	6.	U
103-65-1-----	n-Propylbenzene	6.	U
108-86-1-----	Bromobenzene	6.	U

Qualify

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KOS 10/4/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000050

08G55S6

Lab Name: AES, Inc. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: 08G52S
Matrix: (soil/water) SOIL Lab Sample ID: 08G55 S-6
Sample wt/vol: 5.000 (g/mL) G Lab File ID: 02489
Level: (low/med) LOW Date Received: 09/01/95
% Moisture: not dec. 23. Date Analyzed: 09/07/95
GC Column: RTX502.2 ID: .25 (mm) Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
108-67-8-----	1,3,5-Trimethylbenzene	6.	U
95-49-8-----	2-Chlorotoluene	6.	U
106-43-4-----	4-Chlorotoluene	6.	U
98-06-6-----	tert-Butylbenzene	6.	U
95-63-6-----	1,2,4-Trimethylbenzene	6.	U
135-98-8-----	sec-Butylbenzene	6.	U
99-87-6-----	p-Cymene	6.	U
104-51-8-----	n-Butylbenzene	6.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1-----	1,2,4-Trichlorobenzene	6.	U
87-68-3-----	Hexachlorobutadiene	6.	U
91-20-3-----	Naphthalene	6.	U
87-61-6-----	1,2,3-Trichlorobenzene	6.	U

Kas 10/4/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

08G55S6

000051

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517 SAS No.:

SDG No.: 08G52S

Matrix: (soil/water) SOIL

Lab Sample ID: 08G55 S-6

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02489

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: not dec. 23.

Date Analyzed: 09/07/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
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23.				
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27.				
28.				
29.				
30.				

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

001000

SB-37 S-1

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-37 S-1

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950830 K01

Level: (low/med) LOW

Date Received: 8/30/95

% Moisture: not dec. 6. dec. _____

Date Extracted: 8/31/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N

pH: 7.5

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Arochlor-1016

1100. IU

11104-28-2-----Arochlor-1221

1100. IU

11141-16-5-----Arochlor-1232

1100. IU

53469-21-9-----Arochlor-1242

1100u ~~610~~ IU

12672-29-6-----Arochlor-1248

1100. IU

11097-69-1-----Arochlor-1254

1100. IU

11096-82-5-----Arochlor-1260

1100. IU

Replaced w/POC
due to EWBK results

10/5/95 (MSU)

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

000113 EPA SAMPLE NO.

SB-38 S-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-38 S-4

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950830 K02

Level: (low/med) LOW

Date Received: 8/30/95

% Moisture: not dec. 5. dec. _____

Date Extracted: 8/31/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000114

SB-38 S-6

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-38 S-6

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950830 K03

Level: (low/med) LOW

Date Received: 8/30/95

% Moisture: not dec. 10. dec. _____

Date Extracted: 8/31/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N

pH: 7.6

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	1U
11104-28-2-----	Arochlor-1221	1100.	1U
11141-16-5-----	Arochlor-1232	1100.	1U
53469-21-9-----	Arochlor-1242	1100.	1U
12672-29-6-----	Arochlor-1248	1100.	1U
11097-69-1-----	Arochlor-1254	1100.	1U
11096-82-5-----	Arochlor-1260	1100.	1U

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET 000115

EPA SAMPLE NO.

SB-39 S-1

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-39 S-1

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950830 K04

Level: (low/med) LOW

Date Received: 8/30/95

% Moisture: not dec. 4. dec. _____

Date Extracted: 8/31/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 7.4

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Arochlor-1016	1000.	U
11104-28-2-----	Arochlor-1221	1000.	U
11141-16-5-----	Arochlor-1232	1000.	U
53469-21-9-----	Arochlor-1242	1000.	U
12672-29-6-----	Arochlor-1248	1000.	U
11097-69-1-----	Arochlor-1254	1000.	U
11096-82-5-----	Arochlor-1260	1000.	U

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000116

SB-39 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-39 S-2

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950830 K05

Level: (low/med) LOW

Date Received: 8/30/95

% Moisture: not dec. 8. dec. _____

Date Extracted: 8/31/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 7.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-40 S-2

Lab Name: AES, INC.

Contract:

001023

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-40 S-2

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950831 F01

Level: (low/med) LOW

Date Received: 8/31/95

% Moisture: not dec. 6. dec. _____

Date Extracted: 8/31/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	U 1800.	
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

Qualified "U"
based on EOBK data
10/9/95
msv

FORM I PEST

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1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA 821-R-90-010

000118

SB-40 S-5

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-40 S-5

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950831 F02

Level: (low/med) LOW

Date Received: 8/31/95

% Moisture: not dec. 11. dec. _____

Date Extracted: 8/31/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 7.2

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	8400.	
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000119

SB-41 S-9

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-41 S-9

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950831 F03

Level: (low/med) LOW

Date Received: 8/31/95

% Moisture: not dec. 24. dec. _____

Date Extracted: 8/31/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 7.5

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2----	Arochlor-1016	1300.	U
11104-28-2----	Arochlor-1221	1300.	U
11141-16-5----	Arochlor-1232	1300.	U
53469-21-9----	Arochlor-1242	15000.	U
12672-29-6----	Arochlor-1248	1300.	U
11097-69-1----	Arochlor-1254	1300.	U
11096-82-5----	Arochlor-1260	1300.	U

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000074

SB-42 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G-50 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-42 S-2

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950906 X01

Level: (low/med) LOW

Date Received: 9/ 6/95

% Moisture: not dec. 9. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 7.4

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	3200.	
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	3200.	
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

000076

EPA SAMPLE NO.

SB-47 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 086-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: SB-47 S-2

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950906 X02

Level: (low/med) LOW

Date Received: 9/ 6/95

% Moisture: not dec. 8. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N

pH: 7.6

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
030818

SB-47 S-3

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 086-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: SB-47 S-3

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950906 X03

Level: (low/med) LOW

Date Received: 9/ 6/95

% Moisture: not dec. 17. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N

pH: 7.5

Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

12674-11-2-----Arochlor-1016	1200.	U
11104-28-2-----Arochlor-1221	1200.	U
11141-16-5-----Arochlor-1232	1200.	U
53469-21-9-----Arochlor-1242	~~1200~~ 150.	J
12672-29-6-----Arochlor-1248	1200.	U
11097-69-1-----Arochlor-1254	1200.	U
11096-82-5-----Arochlor-1260	1200.	U

Replaced w/ PGR
based on EGRLX2
results

FORM I PEST

10/6/95

1/87 Rev.

(msc)



1D
PCB ORGANICS ANALYSIS DATA SHEET

000078

EPA SAMPLE NO.

SB-48 S-3

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 086-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: SB-48 S-3

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950906 X04

Level: (low/med) LOW

Date Received: 9/ 6/95

% Moisture: not dec. 4. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1000.	U
11104-28-2-----	Arochlor-1221	1000.	U
11141-16-5-----	Arochlor-1232	1000.	U
53469-21-9-----	Arochlor-1242	1000.	U
12672-29-6-----	Arochlor-1248	1000.	U
11097-69-1-----	Arochlor-1254	1000.	U
11096-82-5-----	Arochlor-1260	1000.	U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 000807

SB-43 S-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: DBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: SB-43 S-4

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950907 K03

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 13. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

SFC Cleanup: (Y/N) N pH: 7.4

Dilution Factor: 1.00

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.

COMPOUND

Q

12674-11-2-----Arochlor-1016	1100.	U
11104-28-2-----Arochlor-1221	1100.	U
11141-16-5-----Arochlor-1232	1100.	U
53469-21-9-----Arochlor-1242	1100	~~330.~~ J
12672-29-6-----Arochlor-1248	1100.	U
11097-69-1-----Arochlor-1254	300.	J
11096-82-5-----Arochlor-1260	1100.	U

FORM I PEST

Replaced PCB-1242
result w/ PCL
based on EG 1242
results

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10/6/91
msc

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000120

SB-49 S-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-49 S-4

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950905 B03

Level: (low/med) LOW

Date Received: 9/ 5/95

% Moisture: not dec. 7. dec. _____

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Arochlor-1016	1100.	IU
11104-28-2-----	Arochlor-1221	1100.	IU
11141-16-5-----	Arochlor-1232	1100.	IU
53469-21-9-----	Arochlor-1242	1100.	IU
12672-29-6-----	Arochlor-1248	1100.	IU
11097-69-1-----	Arochlor-1254	1100.	IU
11096-82-5-----	Arochlor-1260	1100.	IU

FORM I PEST

1/87 Rev.

000005

SB-49 S-6

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-49 S-6

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950905 B04

Level: (low/med) LOW

Date Received: 9/ 5/95

% Moisture: not dec. 9. dec. _____

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/26/95

GPC Cleanup: (Y/N) N

pH: 8.1

Dilution Factor: 10.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Arochlor-1016

11000. U

11104-28-2-----Arochlor-1221

11000. U

11141-16-5-----Arochlor-1232

11000. U

53469-21-9-----Arochlor-1242

36000.

12672-29-6-----Arochlor-1248

11000. U

11097-69-1-----Arochlor-1254

11000. U

11096-82-5-----Arochlor-1260

11000. U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-50 S-2

Lab Name: AES, INC.

Contract:

001055

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-50 S-2

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950901 B03

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 5. dec. _____

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 8.2

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100u ~~300.~~	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

Replaced w/ PQR
due to EQBLK results
10/6/95 msu

FORM I PEST

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1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: AES, INC.

Contract: **001061**

SB-50 S-3

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: SB-50 S-3

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950901 B04

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 11. dec. _____

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 8.1

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100u ~~290.~~	J ✓
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

Qualified by replacing
w/ POL due EABLK
data.

FORM I PEST

1/87 Rev.

10/6/95 (msc)

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000067

OBG-50 S-3

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-50 S-3

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950907 K01

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 6. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 7.1

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	16000.	
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET
000068

EPA SAMPLE NO.

OBG-50 S-5b

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-50 S-5b

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950907 K02

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 36. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1600.	U

11104-28-2-----	Arochlor-1221	1600.	U

11141-16-5-----	Arochlor-1232	1600.	U

53469-21-9-----	Arochlor-1242	1600.	U

12672-29-6-----	Arochlor-1248	1600.	U

11097-69-1-----	Arochlor-1254	1600.	U

11096-82-5-----	Arochlor-1260	1600.	U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OBG-51 S-2

Lab Name: AES, INC.

Contract: **000069**

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-51 S-2

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950907 K09

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 8. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N

pH: 7.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000070

OBG-51 S-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-51 S-4

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950907 K06

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 7. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 6.8

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	3100.	
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM 1 PEST

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PCB ORGANICS ANALYSIS DATA SHEET **900079**

EPA SAMPLE NO.

Lab Name: AES, INC.

Contract:

X-2
(OBG-51 S-4 Dup)

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: X-2

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950907 K08

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 9. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N

pH: 6.7

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	1U
11104-28-2-----	Arochlor-1221	1100.	1U
11141-16-5-----	Arochlor-1232	1100.	1U
53469-21-9-----	Arochlor-1242	2200.	
12672-29-6-----	Arochlor-1248	1100.	1U
11097-69-1-----	Arochlor-1254	1100.	1U
11096-82-5-----	Arochlor-1260	1100.	1U

1D
PCB ORGANICS ANALYSIS DATA SHEET

000071

EPA SAMPLE NO.

OBG-51 S-5b

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-51 S-5b

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950907 K07

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 6. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N

pH: QNS

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

1/87 Rev.

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000106

OBG-52 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-52 S-2

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950905 B01

Level: (low/med) LOW

Date Received: 9/ 5/95

% Moisture: not dec. 24. dec. Y

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 7.7

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1300.	U
11104-28-2-----	Arochlor-1221	1300.	U
11141-16-5-----	Arochlor-1232	1300.	U
53469-21-9-----	Arochlor-1242	1300.	U
12672-29-6-----	Arochlor-1248	1300.	U
11097-69-1-----	Arochlor-1254	1300.	U
11096-82-5-----	Arochlor-1260	1300.	U

FORM I PEST

1/87 Rev.

ID
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000107

OBG-52 S-5

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-52 S-5

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950905 B02

Level: (low/med) LOW

Date Received: 9/ 5/95

% Moisture: not dec. 8. dec. _____

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 8.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Arochlor-1016	1100.	IU
11104-28-2-----	Arochlor-1221	1100.	IU
11141-16-5-----	Arochlor-1232	1100.	IU
53469-21-9-----	Arochlor-1242	1100.	IU
12672-29-6-----	Arochlor-1248	1100.	IU
11097-69-1-----	Arochlor-1254	1100.	IU
11096-82-5-----	Arochlor-1260	1100.	IU

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET
000072

EPA SAMPLE NO.

OBG-53 S-3

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-53 S-3

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950907 K04

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 14. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 7.7

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	2500.	
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	1200.	U
11096-82-5-----	Arochlor-1260	1200.	U

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

000073

EPA SAMPLE NO.

OBG-53 S-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-53 S-4

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950907 K05

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 16. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 7.4

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

12674-11-2-----Arochlor-1016	1200.	U
11104-28-2-----Arochlor-1221	1200.	U
11141-16-5-----Arochlor-1232	1200.	U
53469-21-9-----Arochlor-1242	4900.	
12672-29-6-----Arochlor-1248	1200.	U
11097-69-1-----Arochlor-1254	1200.	U
11096-82-5-----Arochlor-1260	1200.	U

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

000110 EPA SAMPLE NO.

OBG-55 S-3

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-55 S-3

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950901 B05

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 11. dec. _____

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 7.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Arochlor-1016	1100.	1U
11104-28-2-----	Arochlor-1221	1100.	1U
11141-16-5-----	Arochlor-1232	1100.	1U
53469-21-9-----	Arochlor-1242	1100.	1U
12672-29-6-----	Arochlor-1248	1100.	1U
11097-69-1-----	Arochlor-1254	1100.	1U
11096-82-5-----	Arochlor-1260	1100.	1U

FORM I PEST

1/87 Rev

1D
PCB ORGANICS ANALYSIS DATA SHEET

000124 SAMPLE NO.

Lab Name: AES, INC.

Contract:

X-1
(066552-3 Dup)

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950901 B09

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 10. dec. _____

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 7.6

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: AES, INC.

Contract:

000982

OBG-54 S-2

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-54 S-2

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950901 B01

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 8. dec. _____

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 7.5

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	U 2600.	
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

Qualified "U"
due to EOBK results
10/5/95 (msc)

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OBG-54 S-4

Lab Name: AES, INC.

Contract: 000988

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-54 S-4

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950901 B02

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 8. dec. _____

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100u 500.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

Replaced w/ POC
due to EQBLK results
10/5/95 (MCL)

FORM I PEST

1/87 Rev.

OBG-55 S-6

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-55 S-6

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950901 B06

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 23. dec. Y

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 6/95

GPC Cleanup: (Y/N) N pH: 8.1

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1300.	U
11104-28-2-----	Arochlor-1221	1300.	U
11141-16-5-----	Arochlor-1232	1300.	U
53469-21-9-----	Arochlor-1242	1300.	U
12672-29-6-----	Arochlor-1248	1300.	U
11097-69-1-----	Arochlor-1254	1300.	U
11096-82-5-----	Arochlor-1260	1300.	U

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

000125 EPA SAMPLE NO.

EQUIPBLK

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) WATER

Lab Sample ID: EQUIPBLK

Sample wt/vol: 900.0 (g/mL) ML

Lab File ID: 950901B07

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 100. dec. _____

Date Extracted: 9/ 5/95

Extraction: (SepF/Cont/Sonc) LLP

Date Analyzed: 9/ 7/95

GPC Cleanup: (Y/N) N pH: 5.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
12674-11-2-----	Arochlor-1016	.065	1U
11104-28-2-----	Arochlor-1221	.065	1U
11141-16-5-----	Arochlor-1232	.065	1U
53469-21-9-----	Arochlor-1242	.89	1U
12672-29-6-----	Arochlor-1248	.065	1U
11097-69-1-----	Arochlor-1254	.065	1U
11096-82-5-----	Arochlor-1260	.065	1U

FORM I PEST

1/87 Rev.

EQUIPBLK

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-30 S-3

Matrix: (soil/water) WATER

Lab Sample ID: EQUIPBLK

Sample wt/vol: 900.0 (g/mL) ML

Lab File ID: 950907 K10

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 100. dec. _____

Date Extracted: 9/ 7/95

Extraction: (SepF/Cont/Sonc) LLP

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N

pH: 5.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
12674-11-2-----	Arochlor-1016	.065	U
11104-28-2-----	Arochlor-1221	.065	U
11141-16-5-----	Arochlor-1232	.065	U
53469-21-9-----	Arochlor-1242	.074	
12672-29-6-----	Arochlor-1248	.065	U
11097-69-1-----	Arochlor-1254	.065	U
11096-82-5-----	Arochlor-1260	.065	U

000100

EPA SAMPLE NO.

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SB41 S9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG52S

Matrix: (soil/water) SOIL

Lab Sample ID: SB-41 S-9

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: B1679

Level: (low/med) LOW

Date Received: 08/31/95

% Moisture: 24. decanted: (Y/N) N

Date Extracted: 09/06/95

Concentrated Extract Volume: 1000.0 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.5

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

108-95-2-----	Phenol	440.	U
111-44-4-----	bis(-2-Chloroethyl) Ether	440.	U
95-57-8-----	2-Chlorophenol	440.	U
541-73-1-----	1,3-Dichlorobenzene	440.	U
106-46-7-----	1,4-Dichlorobenzene	440.	U
95-50-1-----	1,2-Dichlorobenzene	440.	U
62-75-9-----	N-Nitrosodimethylamine	440.	U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	440.	U
621-64-7-----	N-Nitroso-Di-n-propylamine	440.	U
67-72-1-----	Hexachloroethane	440.	U
98-95-3-----	Nitrobenzene	440.	U
78-59-1-----	Isophorone	440.	U
88-75-5-----	2-Nitrophenol	440.	U
105-67-9-----	2,4-Dimethylphenol	440.	U
111-91-1-----	bis(-2-Chloroethoxy)Methane	440.	U
120-83-2-----	2,4-Dichlorophenol	440.	U
120-82-1-----	1,2,4-Trichlorobenzene	440.	U
91-20-3-----	Naphthalene	440.	U
87-68-3-----	Hexachlorobutadiene	440.	U
59-50-7-----	4-Chloro-3-methylphenol	440.	U
91-57-6-----	2-Methylnaphthalene	290.	U
77-47-4-----	Hexachlorocyclopentadiene	440.	U
88-06-2-----	2,4,6-Trichlorophenol	440.	U
91-58-7-----	2-Chloronaphthalene	440.	U
131-11-3-----	Dimethyl Phthalate	440.	U
208-96-8-----	Acenaphthylene	440.	U
83-32-9-----	Acenaphthene	440.	U
100-02-7-----	4-Nitrophenol	2200.	U
121-14-2-----	2,4-Dinitrotoluene	440.	U
606-20-2-----	2,6-Dinitrotoluene	440.	U
84-66-2-----	Diethylphthalate	440.	U
7005-72-3-----	4-Chlorophenyl-phenylether	440.	U
86-73-7-----	Fluorene	440.	U

Quality

U

U

10/19/95

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

ED000101 NO.

SB41 S9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG52S

Matrix: (soil/water) SOIL

Lab Sample ID: SB-41 S-9

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: B1679

Level: (low/med) LOW

Date Received: 08/31/95

% Moisture: 24. decanted: (Y/N) N

Date Extracted: 09/06/95

Concentrated Extract Volume: 1000.0 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

534-52-1-----	4,6-Dinitro-2-methylphenol	2200.	U
86-30-6-----	N-Nitrosodiphenylamine	440.	U
103-33-3-----	Azobenzene	440.	U
101-55-3-----	4-Bromophenyl-phenylether	440.	U
118-74-1-----	Hexachlorobenzene	440.	U
87-86-5-----	Pentachlorophenol	2200.	U
85-01-8-----	Phenanthrene	440.	U
120-12-7-----	Anthracene	440.	U
84-74-2-----	Di-n-Butylphthalate	440.	U
206-44-0-----	Fluoranthene	440.	U
129-00-0-----	Pyrene	440.	U
85-68-7-----	Butylbenzylphthalate	440.	U
91-94-1-----	3,3'-Dichlorobenzidine	880.	U
56-55-3-----	Benzo (a) Anthracene	440.	U
117-81-7-----	Bis (2-Ethylhexyl) Phthalate	420.	J
218-01-9-----	Chrysene	440.	U
117-84-0-----	Di-n-octyl phthalate	440.	U
205-99-2-----	Benzo (b) fluoranthene	440.	U
207-08-9-----	Benzo (k) Fluoranthene	440.	U
50-32-8-----	Benzo (a) Pyrene	440.	U
193-39-5-----	Indeno (1,2,3-cd) Pyrene	440.	U
53-70-3-----	Dibenzo (a,h) Anthracene	440.	U
191-24-2-----	Benzo (g,h,i) Perylene	440.	U
92-87-5-----	Benzidine	3500.	U
51-28-5-----	2,4-Dinitrophenol	2200.	U

(1) - Cannot be separated from diphenylamine

10/6/95
KZ

000807

1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SB41 S9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG52S

Matrix: (soil/water) SOIL

Lab Sample ID: SB-41 S-9

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: B1679

Level: (low/med) LOW

Date Received: 08/31/95

% Moisture: 24. decanted: (Y/N) N

Date Extracted: 09/06/95

Concentrated Extract Volume: 1000.0 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.5

Number TICs found: 20

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALDOL CONDENSATE	3.62	10000.	BJ A
2.	UNKNOWN ALKANE	9.27	500.	J
3.	UNKNOWN ALKANE	10.41	2000.	J
4.	UNKNOWN ALKANE	11.24	700.	J
5.	UNKNOWN ALKANE	11.50	3000.	J
6.	UNKNOWN SUBSTITUTED CYCLOHEX	11.79	600.	J
7.	UNKNOWN ALKANE	12.19	1000.	J
8.	UNKNOWN ALKANE	12.29	1000.	J
9.	UNKNOWN SUBSTITUTED CYCLOHE	12.74	3000.	J
10.	UNKNOWN ALKANE	13.34	8000.	J
11.	UNKNOWN	13.58	2000.	J
12.	UNKNOWN AROMATIC	13.65	2000.	J
13.	UNKNOWN HYDROCARBON	13.78	3000.	J
14.	UNKNOWN ISOMER DIMETHYL NAPH	13.86	4000.	J
15.	UNKNOWN ISOMER DIMETHYL NAPH	14.17	3000.	J
16.	UNKNOWN SUBSTITUTED CYCLOHE	14.50	3000.	J
17.	UNKNOWN ALKANE	14.75	7000.	J
18.	UNKNOWN ISOMER TRIMETHYL NAP	16.16	2000.	J
19.	UNKNOWN ALKANE	18.40	2000.	J
20. 10544-50-0	Sulfur, mol. (S8) (8CI9CI)	23.06	4000.	J N
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQUIP BL

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG52S

Matrix: (soil/water) WATER

Lab Sample ID: EQUIP BLANK

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: B1680

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 09/06/95

Concentrated Extract Volume: 1000.0 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
108-95-2-----	Phenol	10. U
111-44-4-----	bis(-2-Chloroethyl) Ether	10. U
95-57-8-----	2-Chlorophenol	10. U
541-73-1-----	1,3-Dichlorobenzene	10. U
106-46-7-----	1,4-Dichlorobenzene	10. U
95-50-1-----	1,2-Dichlorobenzene	10. U
62-75-9-----	N-Nitrosodimethylamine	10. U
108-60-1-----	2,2'-oxybis(1-Chloropropane)	10. U
621-64-7-----	N-Nitroso-Di-n-propylamine	10. U
67-72-1-----	Hexachloroethane	10. U
98-95-3-----	Nitrobenzene	10. U
78-59-1-----	Isophorone	10. U
88-75-5-----	2-Nitrophenol	10. U
105-67-9-----	2,4-Dimethylphenol	10. U
111-91-1-----	bis(-2-Chloroethoxy) Methane	10. U
120-83-2-----	2,4-Dichlorophenol	10. U
120-82-1-----	1,2,4-Trichlorobenzene	10. U
91-20-3-----	Naphthalene	10. U
87-68-3-----	Hexachlorobutadiene	10. U
59-50-7-----	4-Chloro-3-methylphenol	10. U
91-57-6-----	2-Methylnaphthalene	10. U
77-47-4-----	Hexachlorocyclopentadiene	10. U
88-06-2-----	2,4,6-Trichlorophenol	10. U
91-58-7-----	2-Chloronaphthalene	10. U
131-11-3-----	Dimethyl Phthalate	10. U
208-96-8-----	Acenaphthylene	10. U
83-32-9-----	Acenaphthene	10. U
100-02-7-----	4-Nitrophenol	50. U
121-14-2-----	2,4-Dinitrotoluene	10. U
606-20-2-----	2,6-Dinitrotoluene	10. U
84-66-2-----	Diethylphthalate	10. U
7005-72-3-----	4-Chlorophenyl-phenylether	10. U
86-73-7-----	Fluorene	10. U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

000104
EPA SAMPLE NO.

EQUIP BL

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG52S

Matrix: (soil/water) WATER

Lab Sample ID: EQUIP BLANK

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: B1680

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 09/06/95

Concentrated Extract Volume: 1000.0 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

534-52-1-----	4,6-Dinitro-2-methylphenol	50.	U
86-30-6-----	N-Nitrosodiphenylamine	10.	U
103-33-3-----	Azobenzene	10.	U
101-55-3-----	4-Bromophenyl-phenylether	10.	U
118-74-1-----	Hexachlorobenzene	10.	U
87-86-5-----	Pentachlorophenol	50.	U
85-01-8-----	Phenanthrene	10.	U
120-12-7-----	Anthracene	10.	U
84-74-2-----	Di-n-Butylphthalate	10.	U
206-44-0-----	Fluoranthene	10.	U
129-00-0-----	Pyrene	10.	U
85-68-7-----	Butylbenzylphthalate	10.	U
91-94-1-----	3,3'-Dichlorobenzidine	20.	U
56-55-3-----	Benzo(a)Anthracene	10.	U
117-81-7-----	Bis(2-Ethylhexyl) Phthalate	10.	U
218-01-9-----	Chrysene	10.	U
117-84-0-----	Di-n-octyl phthalate	10.	U
205-99-2-----	Benzo(b)fluoranthene	10.	U
207-08-9-----	Benzo(k)Fluoranthene	10.	U
50-32-8-----	Benzo(a)Pyrene	10.	U
193-39-5-----	Indeno(1,2,3-cd)Pyrene	10.	U
53-70-3-----	Dibenzo(a,h)Anthracene	10.	U
191-24-2-----	Benzo(g,h,i)Perylene	10.	U
92-87-5-----	Benzidine	80.	U
51-28-5-----	2,4-Dinitrophenol	50.	U

(1) - Cannot be separated from diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

000105
EPA SAMPLE NO.

EQUIP BL

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG52S

Matrix: (soil/water) WATER

Lab Sample ID: EQUIP BLANK

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: B1680

Level: (low/med) LOW

Date Received: 09/01/95

% Moisture: _____ decanted: (Y/N) _____

Date Extracted: 09/06/95

Concentrated Extract Volume: 1000.0 (uL)

Date Analyzed: 09/13/95

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N

pH: 7.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1D
KEROSENE ANALYSIS DATA SHEET

000132

EPA SAMPLE NO.

SB-37 S-1

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950830 K01

Level: (low/med) LOW

Date Received: 8/30/95

% Moisture: not dec. 6 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 7/95

GPC Cleanup: (Y/N) N pH: 7.5

Dilution Factor: 100.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/G) UG/G	Q

8068-20-6-----KEROSENE		

10000	

FORM I PEST

1/87 Rev.

1D
KEROSENE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-38 S-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950830 K02

Level: (low/med) LOW

Date Received: 8/30/95

% Moisture: not dec. 5 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 7/95

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

11

U

FORM I PEST

1/87 Rev.

000134

1D
KEROSENE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-38 S-6

Lab Name: AES, INC. Contract:
Lab Code: AES Case No.: 09517 SAS No.: SDG No.: OBG-52 S-2
Matrix: (soil/water) SOIL Lab Sample ID:
Sample wt/vol: 100.0 (g/mL) G Lab File ID: 950830 R03
Level: (low/med) LOW Date Received: 8/30/95
% Moisture: not dec. 10 dec. Date Extracted: 9/ 1/95
Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 9/ 7/95
GPC Cleanup: (Y/N) N pH: 7.6 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/G) UG/G	Q
8008-20-6-----	KEROSENE	20	

1D
KEROSENE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-39 S-1

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950830 K04

Level: (low/med) LOW

Date Received: 8/30/95

% Moisture: not dec. 4 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 7/95

GPC Cleanup: (Y/N) N pH: 7.4

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

10

U

1D
KEROSENE ANALYSIS DATA SHEET

000136
EPA SAMPLE NO.

SB-39 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950830 K05

Level: (low/med) LOW

Date Received: 8/30/95

% Moisture: not dec. 8 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 7/95

GPC Cleanup: (Y/N) N pH: 7.3

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

11

U

FORM I PEST

1/87 Rev.

000137

1D
KEROSENE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-40 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950831 F01

Level: (low/med) LOW

Date Received: 8/31/95

% Moisture: not dec. 6 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 7/95

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/G) UG/G	Q

8008-20-6-----KEROSENE

8

J

FORM I PEST

1/87 Rev.

1D
KEROSENE ANALYSIS DATA SHEET

000138

EPA SAMPLE NO.

SB-40 S-5

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950831 F02

Level: (low/med) LOW

Date Received: 8/31/95

% Moisture: not dec. 11 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 7.2

Dilution Factor: 100.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

12000

FORM I PEST

1/87 Rev.

000139

1D
KEROSENE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-41 S²-9

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950831 F03

Level: (low/med) LOW

Date Received: 8/31/95

% Moisture: not dec. 24 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 7.5

Dilution Factor: 10.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/G) UG/G	Q

8008-20-6-----KEROSENE	800	

FORM I PEST

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000088 SB-42 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: SB-42 S-2

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950906 X01

Level: (low/med) LOW

Date Received: 9/ 6/95

% Moisture: not dec. 9. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/11/95

GPC Cleanup: (Y/N) N pH: 7.4

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

11. U

FORM I PEST

1/87 Rev.

KEROSENE ORGANICS ANALYSIS DATA SHEET

000089

SB-43 S-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: SB-43 S-4

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950907 K03

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 13. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/12/95

GPC Cleanup: (Y/N) N pH: 7.4

Dilution Factor: 300.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

61000.

FORM I PEST

1/87 Rev.

KEROSENE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000090

SB-47 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: SB-47 S-2

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950906 X02

Level: (low/med) LOW

Date Received: 9/ 6/95

% Moisture: not dec. 8. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/11/95

GPC Cleanup: (Y/N) N pH: 7.6

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/G)

UG/G

Q

8008-20-6-----KEROSENE

11.

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FORM I PEST

1/87 Rev.

KEROSENE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: AES, INC.

Contract: 000091

SB-47 S-3

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: SB-47 S-3

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950906 X03

Level: (low/med) LOW

Date Received: 9/ 6/95

% Moisture: not dec. 17. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/11/95

GPC Cleanup: (Y/N) N

pH: 7.5

Dilution Factor: 30.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

3800.

FORM I PEST

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KEROSENE ORGANICS ANALYSIS DATA SHEET

SB-48 S-3

Lab Name: AES, INC.

Contract: 000092

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: 08G-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: SB-48 S-3

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950906 X04

Level: (low/med) LOW

Date Received: 9/ 6/95

% Moisture: not dec. 4. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/11/95

GPC Cleanup: (Y/N) N

pH: 7.8

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/G)

UG/G

Q

8008-20-6-----KEROSENE

10.

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FORM I PEST

1/87 Rev.

1D
KEROSENE ANALYSIS DATA SHEET

000140
EPA SAMPLE NO.

SB-49 S-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950905 B03

Level: (low/med) LOW

Date Received: 9/ 5/95

% Moisture: not dec. 7 dec. _____

Date Extracted: 9/ 6/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/G) UG/G	Q

8008-20-6-----KEROSENE			

11

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FORM I PEST

1/87 Rev.

1D
KEROSENE ANALYSIS DATA SHEET

EPA ~~8000144~~

SB-49 S²-6

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950905 B04

Level: (low/med) LOW

Date Received: 9/ 5/95

% Moisture: not dec. 9 dec. _____

Date Extracted: 9/ 6/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 8.1

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

11

U

FORM I PEST

1/87 Rev.

1D
KEROSENE ANALYSIS DATA SHEET

000142
EPA SAMPLE NO.

SB-50 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950901 B03

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 5 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 8.2

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/G) UG/G	Q

8008-20-6-----KEROSENE			

11

U

FORM I PEST

1/87 Rev.

000143

1D
KEROSENE ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB-50 S-3

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950901 B04

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 11 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 8.1

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

11

U

FORM I PEST

1/87 Rev.

000081

OBG-50 S-3

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-50 S-3

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950907 K01

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 6. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/11/95

GPC Cleanup: (Y/N) N pH: 7.1

Dilution Factor: 300.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/G) UG/G	Q
8008-20-6-----	KEROSENE	21600.	

FORM I PEST

1/87 Rev.

000082

OBG-50 S-5b

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-50 S-5b

Sample wt/vol: 21.9 (g/mL) G

Lab File ID: 950907 K02

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 36. dec. _____

Date Extracted: 9/14/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/14/95

GPC Cleanup: (Y/N) N

pH: 7.8

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

71.

U

FORM I PEST

1/87 Rev.

Limited Sample Volume 

KEROSENE ORGANICS ANALYSIS DATA SHEET

OBG-51 S-2

Lab Name: AES, INC.

Contract: 000083

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-51 S-2

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950907 K09

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 8. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/12/95

GPC Cleanup: (Y/N) N pH: 7.3

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

11.

U

FORM I PEST

1/87 Rev.

KEROSENE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000084

OBG-51 S-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-51 S-4

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950907 K06

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 7. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/12/95

GPC Cleanup: (Y/N) N pH: 6.8

Dilution Factor: 300.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/G)

UG/G

Q

8008-20-6-----KEROSENE

11000.

FORM I PEST

1/87 Rev.

KEROSENE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000093

X-2

(Dupet CBG515-4)

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: X-2

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950907 K08

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 9. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/12/95

GPC Cleanup: (Y/N) N pH: 6.7

Dilution Factor: 300.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

14000.

FORM I PEST

1/87 Rev.

KEROSENE ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE NO.

000085

OBG-51 S-5b

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-51 S-5b

Sample wt/vol: 17.0 (g/mL) G

Lab File ID: 950907 K07

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 6. dec. _____

Date Extracted: 9/14/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/14/95

GPC Cleanup: (Y/N) N

pH: QNS

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

63.

U

FORM I PEST

1/87 Rev.

Limited Sample Volume

1D
KEROSENE ANALYSIS DATA SHEET

000126

EPA SAMPLE NO.

OBG-52 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950905 B01

Level: (low/med) LOW

Date Received: 9/ 5/95

% Moisture: not dec. 24 dec. __Y__

Date Extracted: 9/ 6/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N

pH: 7.7

Dilution Factor: 300.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE	9200	

FORM I PEST

1/87 Rev.

1D
KEROSENE ANALYSIS DATA SHEET 000127

EPA SAMPLE NO.

OBG-52 S-5

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950905 B02

Level: (low/med) LOW

Date Received: 9/ 5/95

% Moisture: not dec. 8 dec. _____

Date Extracted: 9/ 6/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 8.3

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

47

FORM I PEST

1/87 Rev.

KEROSENE ORGANICS ANALYSIS DATA SHEET

E. SAMPLE NO.

OBG-53 S-3

Lab Name: AES, INC.

Contract No.
000086

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-53 S-3

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950907 K04

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 14. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/12/95

GPC Cleanup: (Y/N) N

pH: 7.7

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/G)	UG/G	

8008-20-6-----KEROSENE

29.

FORM I PEST

1/87 Rev.

000087

OBG-53 S-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-53 S-4

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950907 K05

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 16. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/12/95

GPC Cleanup: (Y/N) N pH: 7.4

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

96.

FORM I PEST

1/87 Rev.

1D
KEROSENE ANALYSIS DATA SHEET

000128 EPA SAMPLE NO.

OBG-54 S-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950901 B01

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 8 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 7.5

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/G) UG/G	Q

8008-20-6-----KEROSENE			

11

U

FORM I PEST

1/87 Rev.

1D
KEROSENE ANALYSIS DATA SHEET

000129

EPA SAMPLE NO.

OBG-54 S²-4

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950901 B02

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 8 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

11

U

FORM I PEST

1/87 Rev.

000130

1D
KEROSENE ANALYSIS DATA SHEET

EPA SAMPLE NO.

OBG-55 S-3

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950901 B05

Level: (low/med) LOW

Date Received: 9/01/95

% Moisture: not dec. 11 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 7.3

Dilution Factor: 100.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

8100

FORM I PEST

1/87 Rev.

000144

1D
KEROSENE ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-1'

(Dupet OBG555-3)

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950901 B09

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 10 dec. _____

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N

pH: 7.6

Dilution Factor: 100

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(ug/L or ug/G) UG/G

Q

8008-20-6-----KEROSENE

7000

FORM I PEST

1/87 Rev.

1D
KEROSENE ANALYSIS DATA SHEET

000131

EPA SAMPLE NO.

OBG-55 S²-6

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09517

SAS No.:

SDG No.: OBG-52 S-2

Matrix: (soil/water) SOIL

Lab Sample ID:

Sample wt/vol: 100.0 (g/mL) G

Lab File ID: 950901 B06

Level: (low/med) LOW

Date Received: 9/ 1/95

% Moisture: not dec. 23 dec. Y

Date Extracted: 9/ 1/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/ 8/95

GPC Cleanup: (Y/N) N pH: 8.1

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/G) UG/G	Q
8008-20-6-----	KEROSENE	13	U

FORM I PEST

1/87 Rev.

KEROSENE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

KER EQUIP BLK

Lab Name: AES, INC.

Contract 000094

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) WATER

Lab Sample ID: KER EQUIP BLK

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: 950906 X05

Level: (low/med) LOW

Date Received: 9/ 6/95

% Moisture: not dec. 100. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 9/11/95

GPC Cleanup: (Y/N) N

pH: 5.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:
(MG/L or ug/G) MG/L

Q

8008-20-6-----KEROSENE

1.0

U

FORM I PEST

1/87 Rev.

KEROSENE ORGANICS ANALYSIS DATA SHEET

000095

EQUIP BLK 2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09522

SAS No.:

SDG No.: OBG-50 S-3

Matrix: (soil/water) WATER

Lab Sample ID: EQUIP BLK 2

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: 950907 K10

Level: (low/med) LOW

Date Received: 9/ 7/95

% Moisture: not dec. 100. dec. _____

Date Extracted: 9/ 8/95

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 9/11/95

GPC Cleanup: (Y/N) N

pH: 5.0

Dilution Factor: 1.00

CAS NO.

COMPOUND

CONCENTRATION UNITS:

(MG/L or ug/G)

MG/L

Q

8008-20-6-----KEROSENE

1.0

U

FORM I PEST

1/87 Rev.

APPENDIX J-2

**Soil Analytical Laboratory Data
September 14, 1995**

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000009

Lab Name: AES, Inc.

Contract:

SS1

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS1

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2681

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 11.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

g

Analysis

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
67-66-3-----	Chloroform	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
75-25-2-----	Bromoform	6.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylenes (total)	6.	U
75-69-4-----	Trichlorofluoromethane	6.	U
108-05-4-----	Vinyl Acetate	11.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U

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K13 12/28/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000010

SS1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS1

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2681

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 11.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

000011

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SS2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2680

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 3.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

a

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
75-69-4-----	Trichlorofluoromethane	5.	U
108-05-4-----	Vinyl Acetate	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U

Quality

R

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Kas 12/19/95

000012

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02680

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 3.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	g
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
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23.				
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25.				
26.				
27.				
28.				
29.				
30.				

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02679

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 9.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
75-69-4-----	Trichlorofluoromethane	5.	U
108-05-4-----	Vinyl Acetate	11.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U

11.5
11.5
11.5

5.0
5.0

R

Kis 12/21/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000014

SS3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02679

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 9.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000015

SS3RE

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS3RE

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02688

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 9.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG g

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropene	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	2.	BJ
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
75-69-4-----	Trichlorofluoromethane	5.	U
108-05-4-----	Vinyl Acetate	11.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U

Do Not Report
use SS3
10/27/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000016

SS3RE

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS3RE

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2688

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 9.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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Do Not Report

Use SS3

10/27/95

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000017

SS4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02678

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 6.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG g

74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl Chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene Chloride	5.	U
67-64-1	Acetone	11.	U
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	11.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon Tetrachloride	5.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone	11.	U
591-78-6	2-Hexanone	11.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	2.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
1330-20-7	Xylenes (total)	5.	U
75-69-4	Trichlorofluoromethane	5.	U
108-65-4	Vinyl Acetate	11.	U
156-60-5	1,2-Dichloroethene-trans	5.	U
156-59-2	1,2-Dichloroethene-cis	5.	U

Do Not Report
USE SS4RE
10/27/95

000018

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SS4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2678

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 6.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000019

Lab Name: AES, Inc.

Contract:

SS4RE

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS4RE

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2690

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 6.

Date Analyzed: 09/22/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl Chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene Chloride	5.	U
67-64-1	Acetone	11.	U
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
67-66-3	Chloroform	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	11.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon Tetrachloride	5.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
75-25-2	Bromoform	5.	U
108-10-1	4-Methyl-2-Pentanone	11.	U
591-78-6	2-Hexanone	11.	U
127-18-4	Tetrachloroethene	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U
108-88-3	Toluene	5.	U
108-90-7	Chlorobenzene	5.	U
100-41-4	Ethylbenzene	5.	U
100-42-5	Styrene	5.	U
1330-20-7	Xylenes (total)	5.	U
75-69-4	Trichlorofluoromethane	5.	U
108-05-4	Vinyl Acetate	11.	U
156-60-5	1,2-Dichloroethene-trans	5.	U
156-59-2	1,2-Dichloroethene-cis	5.	U

Quadrupole

U5

R

U5

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U5

U5 10/20/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPÄ SAMPLE NO.

SS4RE

000020

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS4RE

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02690

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 6.

Date Analyzed: 09/22/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS5

000021

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS5

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02677

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 7.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG g

74-87-3	-----Chloromethane	11.	U
74-83-9	-----Bromomethane	11.	U
75-01-4	-----Vinyl Chloride	11.	U
75-00-3	-----Chloroethane	11.	U
75-09-2	-----Methylene Chloride	5.	U
67-64-1	-----Acetone	11.	U
75-15-0	-----Carbon Disulfide	5.	U
75-35-4	-----1,1-Dichloroethene	5.	U
75-34-3	-----1,1-Dichloroethane	5.	U
67-66-3	-----Chloroform	5.	U
107-06-2	-----1,2-Dichloroethane	5.	U
78-93-3	-----2-Butanone	11.	U
71-55-6	-----1,1,1-Trichloroethane	5.	U
56-23-5	-----Carbon Tetrachloride	5.	U
75-27-4	-----Bromodichloromethane	5.	U
78-87-5	-----1,2-Dichloropropane	5.	U
10061-01-5	-----cis-1,3-Dichloropropene	5.	U
79-01-6	-----Trichloroethene	5.	U
124-48-1	-----Dibromochloromethane	5.	U
79-00-5	-----1,1,2-Trichloroethane	5.	U
71-43-2	-----Benzene	5.	U
10061-02-6	-----trans-1,3-Dichloropropene	5.	U
75-25-2	-----Bromoform	5.	U
108-10-1	-----4-Methyl-2-Pentanone	11.	U
591-78-6	-----2-Hexanone	11.	U
127-18-4	-----Tetrachloroethene	5.	U
79-34-5	-----1,1,2,2-Tetrachloroethane	5.	U
108-88-3	-----Toluene	5.	U
108-90-7	-----Chlorobenzene	5.	U
100-41-4	-----Ethylbenzene	5.	U
100-42-5	-----Styrene	5.	U
1330-20-7	-----Xylenes (total)	5.	U
75-69-4	-----Trichlorofluoromethane	5.	U
108-05-4	-----Vinyl Acetate	11.	U
156-60-5	-----1,2-Dichloroethene-trans	5.	U
156-59-2	-----1,2-Dichloroethene-cis	5.	U

Do Not Report
USE SS-5 RE
10/27/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SS5

000022

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS5

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02677

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 7.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000025

SS6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS6

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2686

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 6.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) UG/KG

Q

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
75-69-4-----	Trichlorofluoromethane	5.	U
108-05-4-----	Vinyl Acetate	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U

Qualifier

R.

U

Los 12/28/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000026

SS6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS6

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2686

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 6.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000027

Lab Name: AES, Inc.

Contract:

SS7

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS7

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02675

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 7.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
75-69-4-----	Trichlorofluoromethane	5.	U
108-05-4-----	Vinyl Acetate	11.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U

Qualitative

2

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12/28/95

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000028

SS7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: SS7

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2675

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 7.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000029

BLINDUP

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: BLIND DUP

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: 02682

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 7.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG a

74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
67-66-3-----	Chloroform	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U
591-78-6-----	2-Hexanone	11.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
75-69-4-----	Trichlorofluoromethane	5.	U
108-05-4-----	Vinyl Acetate	11.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U

Do Not Report
USE BLINDUP RE
10/27/95

000031

BLOUPRE

Contract:

SDG No.: SS1

Lab Sample ID: BLIND DUP RE

Lab File ID: D2689

Date Received: 09/14/95

Date Analyzed: 09/21/95

Dilution Factor: 1.0

Soil Aliquot Volume: _____ (uL)

①

(ug/L or ug/Kg) UG/KG

Qualifying
UT

-2

Kio 12/28/91

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

000032

BLODDUPRE

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) SOIL

Lab Sample ID: BLIND DUP RE

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D2689

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. 7.

Date Analyzed: 09/21/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
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23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQBLK

000033

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) WATER

Lab Sample ID: EQBLK

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: 02633

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. _____

Date Analyzed: 09/18/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L g

74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
67-66-3-----	Chloroform	4.	J
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
75-25-2-----	Bromoform	5.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U
591-78-6-----	2-Hexanone	10.	U
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
75-69-4-----	Trichlorofluoromethane	5.	U
108-05-4-----	Vinyl Acetate	10.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EQBLK

000034

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS1

Matrix: (soil/water) WATER

Lab Sample ID: EQBLK

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: 02633

Level: (low/med) LOW

Date Received: 09/14/95

% Moisture: not dec. _____

Date Analyzed: 09/18/95

GC Column: RTX502.2 ID: .25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
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25.				
26.				
27.				
28.				
29.				
30.				

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000035

SS-1

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS-1

Matrix: (soil/water) SOIL

Lab Sample ID: SS-1

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950914 AJ07

Level: (low/med) LOW

Date Received: 9/14/95

% Moisture: not dec. 11. dec. _____

Date Extracted: 9/15/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/15/95

GPC Cleanup: (Y/N) N pH: 6.4

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Arochlor-1016	1100.	U
11104-28-2-----Arochlor-1221	1100.	U
11141-16-5-----Arochlor-1232	1100.	U
53469-21-9-----Arochlor-1242	1300.	
12672-29-6-----Arochlor-1248	1100.	U
11097-69-1-----Arochlor-1254	870.	J
11096-82-5-----Arochlor-1260	1100.	U

1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000036

SS-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS-1

Matrix: (soil/water) SOIL

Lab Sample ID: SS-2

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950914 AJ06

Level: (low/med) LOW

Date Received: 9/14/95

% Moisture: not dec. 3. dec. _____

Date Extracted: 9/15/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/15/95

GPC Cleanup: (Y/N) N pH: 8.2

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Arochlor-1016	1000.	U
11104-29-2-----Arochlor-1221	1000.	U
11141-16-5-----Arochlor-1232	1000.	U
53469-21-9-----Arochlor-1242	960.	J
12672-29-6-----Arochlor-1248	1000.	U
11097-69-1-----Arochlor-1254	1600.	
11096-82-5-----Arochlor-1260	1000.	U

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-3

Lab Name: AES, INC.

Contract:

000037

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS-1

Matrix: (soil/water) SOIL

Lab Sample ID: SS-3

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950914 AJ05

Level: (low/med) LOW

Date Received: 9/14/95

% Moisture: not dec. 9. dec. _____

Date Extracted: 9/15/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/15/95

GPC Cleanup: (Y/N) N

pH: 8.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	500.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	160.	J
11096-82-5-----	Arochlor-1260	1100.	U

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: AES, INC.

Contract:

000038 SS-4

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS-1

Matrix: (soil/water) SOIL

Lab Sample ID: SS-4

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950914 AJ04

Level: (low/med) LOW

Date Received: 9/14/95

% Moisture: not dec. 6. dec. _____

Date Extracted: 9/15/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/15/95

GPC Cleanup: (Y/N) N pH: 7.7

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: AES, INC.

Contract:

000039

SS-5

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS-1

Matrix: (soil/water) SOIL

Lab Sample ID: SS-5

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950914 AJ03

Level: (low/med) LOW

Date Received: 9/14/95

% Moisture: not dec. 7. dec. _____

Date Extracted: 9/15/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/15/95

GPC Cleanup: (Y/N) N

pH: 7.5

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	290.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SS-6

Lab Name: AES, INC.

Contract:

000040

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS-1

Matrix: (soil/water) SOIL

Lab Sample ID: SS-6

Sample Wt/vol: 10.0 (g/mL) G

Lab File ID: 950914 AJ02

Level: (low/med) LOW

Date Received: 9/14/95

% Moisture: not dec. 6. dec. _____

Date Extracted: 9/15/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/15/95

GPC Cleanup: (Y/N) N pH: 7.5

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

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1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: AES, INC.

Contract: **000041**

SS-7

Lab Code: AES Case No.: 09524 SAS No.: SDG No.: SS-1

Matrix: (soil/water) SOIL

Lab Sample ID: SS-7

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950914 AJ01

Level: (low/med) LOW

Date Received: 9/14/95

% Moisture: not dec. 7. dec. _____

Date Extracted: 9/15/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/15/95

GPC Cleanup: (Y/N) N pH: 7.1

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BLIND DUP
(SS-S Dup)

Lab Name: AES, INC.

Contract: 000042

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS-1

Matrix: (soil/water) SOIL

Lab Sample ID: BLIND DUP

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 950914 AJ09

Level: (low/med) LOW

Date Received: 9/14/95

% Moisture: not dec. 7. dec. _____

Date Extracted: 9/15/95

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 9/15/95

GPC Cleanup: (Y/N) N pH: 7.6

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	320.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

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1D
PCB ORGANICS ANALYSIS DATA SHEET

EPR SAMPLE NO.

Lab Name: AES, INC.

Contract: **0C0043**

EQUIP BLK

Lab Code: AES

Case No.: 09524

SAS No.:

SDG No.: SS-1

Matrix: (soil/water) WATER

Lab Sample ID: EQUIP BLK

Sample wt/vol: 900.0 (g/mL) ML

Lab File ID: 950914 AJ08

Level: (low/med) LOW

Date Received: 9/14/95

% Moisture: not dec. 100. dec. _____

Date Extracted: 9/15/95

Extraction: (SepF/Cont/Sonc) LLP

Date Analyzed: 9/16/95

GPC Cleanup: (Y/N) N pH: 7.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
12674-11-2-----	Arochlor-1016	.065	U
11104-28-2-----	Arochlor-1221	.065	U
11141-16-5-----	Arochlor-1232	.065	U
53469-21-9-----	Arochlor-1242	.065	U
12672-29-6-----	Arochlor-1248	.065	U
11097-69-1-----	Arochlor-1254	.065	U
11096-82-5-----	Arochlor-1260	.065	U

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APPENDIX J-3

**Soil Analytical Laboratory Data
May 4 to 9, 1996**

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM1S46-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM1S46-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1059

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 15.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

75-71-8-----	Dichlorodifluoromethane	2900.	U
74-87-3-----	Chloromethane	2900.	U
74-83-9-----	Bromomethane	2900.	U
75-01-4-----	Vinyl Chloride	2900.	U
75-00-3-----	Chloroethane	2900.	U
75-09-2-----	Methylene Chloride	1500.	U
67-64-1-----	Acetone	2900.	U
75-69-4-----	Trichlorofluoromethane	1500.	U
75-15-0-----	Carbon Disulfide	1500.	U
75-35-4-----	1,1-Dichloroethene	1500.	U
75-34-3-----	1,1-Dichloroethane	1500.	U
156-60-5-----	1,2-Dichloroethene-trans	1500.	U
594-20-7-----	2,2-Dichloropropane	1500.	U
156-59-2-----	1,2-Dichloroethene-cis	1500.	U
74-97-5-----	Bromochloromethane	1500.	U
67-66-3-----	Chloroform	1500.	U
563-58-6-----	1,1-Dichloro-1-propene	1500.	U
107-06-2-----	1,2-Dichloroethane	1500.	U
78-93-3-----	2-Butanone	2900.	U
71-55-6-----	1,1,1-Trichloroethane	1500.	U
56-23-5-----	Carbon Tetrachloride	1500.	U
108-05-4-----	Vinyl Acetate	2900.	U
75-27-4-----	Bromodichloromethane	1500.	U
78-87-5-----	1,2-Dichloropropane	1500.	U
10061-01-5-----	cis-1,3-Dichloropropene	1500.	U
96-18-4-----	1,2,3-Trichloropropane	2900.	U
74-95-3-----	Dibromomethane	1500.	U
79-01-6-----	Trichloroethene	1500.	U
124-48-1-----	Dibromochloromethane	1500.	U
79-00-5-----	1,1,2-Trichloroethane	1500.	U
71-43-2-----	Benzene	1500.	U
10061-02-6-----	trans-1,3-Dichloropropene	1500.	U
142-28-9-----	1,3-Dichloropropane	1500.	U
75-25-2-----	Bromoform	1500.	U
591-78-6-----	2-Hexanone	2900.	U
108-10-1-----	4-Methyl-2-Pentanone	2900.	U

011

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM1S46-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM1S46-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1059

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 15.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	1500.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1500.	U
106-93-4-----	Ethylene Dibromide (EDB)	1500.	U
108-88-3-----	Toluene	1500.	U
108-90-7-----	Chlorobenzene	1500.	U
630-20-6-----	1,1,1,2-tetrachloroethane	1500.	U
100-41-4-----	Ethylbenzene	840.	J
100-42-5-----	Styrene	1500.	U
1330-20-7-----	Xylenes (total)	1500.	U
98-82-8-----	Isopropylbenzene	880.	J
103-65-1-----	n-Propylbenzene	2500.	
108-86-1-----	Bromobenzene	1500.	U
108-67-8-----	1,3,5-Trimethylbenzene	1500.	U
95-49-8-----	2-Chlorotoluene	1500.	U
106-43-4-----	4-Chlorotoluene	1500.	U
98-06-6-----	tert-Butylbenzene	1500.	U
95-63-6-----	1,2,4-Trimethylbenzene	1500.	U
135-98-8-----	sec-Butylbenzene	2800.	
99-87-6-----	p-Cymene	1200.	J
104-51-8-----	n-Butylbenzene	5900.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	1500.	U
120-82-1-----	1,2,4-Trichlorobenzene	1500.	U
87-68-3-----	Hexachlorobutadiene	1500.	U
91-20-3-----	Naphthalene	48000.	
87-61-6-----	1,2,3-Trichlorobenzene	1500.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM1S46-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM1S46-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1059

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 15.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN ALKANE	23.84	70000.	J
2. - -	UNKNOWN AROMATIC	23.94	100000.	J
3. - -	UNKNOWN ALKANE	24.24	70000.	J
4. - -	UNKNOWN ALKANE	25.09	100000.	J
5. - -	UNKNOWN	25.30	100000.	J
6. - -	UNKNOWN AROMATIC	25.95	200000.	J
7. - -	UNKNOWN ALKANE	26.11	90000.	J
8. - -	UNKNOWN ALKANE	26.30	100000.	J
9. - -	UNKNOWN HYDROCARBON	26.65	100000.	J
10. - -	UNKNOWN ALKANE	28.64	70000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM2S45-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM2S45-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1054

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 13.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

75-71-8	Dichlorodifluoromethane	1400.	U
74-87-3	Chloromethane	1400.	U
74-83-9	Bromomethane	1400.	U
75-01-4	Vinyl Chloride	1400.	U
75-00-3	Chloroethane	1400.	U
75-09-2	Methylene Chloride	720.	U
67-64-1	Acetone	1400.	U
75-69-4	Trichlorofluoromethane	720.	U
75-15-0	Carbon Disulfide	720.	U
75-35-4	1,1-Dichloroethene	720.	U
75-34-3	1,1-Dichloroethane	720.	U
156-60-5	1,2-Dichloroethene-trans	720.	U
594-20-7	2,2-Dichloropropane	720.	U
156-59-2	1,2-Dichloroethene-cis	720.	U
74-97-5	Bromochloromethane	720.	U
67-66-3	Chloroform	720.	U
563-58-6	1,1-Dichloro-1-propene	720.	U
107-06-2	1,2-Dichloroethane	720.	U
78-93-3	2-Butanone	1400.	U
71-55-6	1,1,1-Trichloroethane	720.	U
56-23-5	Carbon Tetrachloride	720.	U
108-05-4	Vinyl Acetate	1400.	U
75-27-4	Bromodichloromethane	720.	U
78-87-5	1,2-Dichloropropane	720.	U
10061-01-5	cis-1,3-Dichloropropene	720.	U
96-18-4	1,2,3-Trichloropropane	1400.	U
74-95-3	Dibromomethane	720.	U
79-01-6	Trichloroethene	720.	U
124-48-1	Dibromochloromethane	720.	U
79-00-5	1,1,2-Trichloroethane	720.	U
71-43-2	Benzene	720.	U
10061-02-6	trans-1,3-Dichloropropene	720.	U
142-28-9	1,3-Dichloropropane	720.	U
75-25-2	Bromoform	720.	U
591-78-6	2-Hexanone	1400.	U
108-10-1	4-Methyl-2-Pentanone	1400.	U

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5/11/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM2S45-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM2S45-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1054

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 13.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	720.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	720.	U
106-93-4-----	Ethylene Dibromide (EDB)	720.	U
108-88-3-----	Toluene	720.	U
108-90-7-----	Chlorobenzene	720.	U
630-20-6-----	1,1,1,2-tetrachloroethane	720.	U
100-41-4-----	Ethylbenzene	720.	U
100-42-5-----	Styrene	720.	U
1330-20-7-----	Xylenes (total)	720.	U
98-82-8-----	Isopropylbenzene	190.	J
103-65-1-----	n-Propylbenzene	690.	J
108-86-1-----	Bromobenzene	720.	U
108-67-8-----	1,3,5-Trimethylbenzene	360.	J
95-49-8-----	2-Chlorotoluene	720.	U
106-43-4-----	4-Chlorotoluene	720.	U
98-06-6-----	tert-Butylbenzene	720.	U
95-63-6-----	1,2,4-Trimethylbenzene	720.	U
135-98-8-----	sec-Butylbenzene	700.	J
99-87-6-----	p-Cymene	360.	J
104-51-8-----	n-Butylbenzene	1400.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	720.	U
120-82-1-----	1,2,4-Trichlorobenzene	720.	U
87-68-3-----	Hexachlorobutadiene	720.	U
91-20-3-----	Naphthalene	13000.	
87-61-6-----	1,2,3-Trichlorobenzene	720.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM2S45-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM2S45-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1054

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 13.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN ALKANE	23.85	100000.	J
2. - -	UNKNOWN ALKANE	24.24	100000.	J
3. - -	UNKNOWN ALKANE	24.89	200000.	J
4. - -	UNKNOWN ALKANE	25.10	200000.	J
5. - -	UNKNOWN HYDROCARBON	25.31	100000.	J
6. - -	UNKNOWN	25.77	100000.	J
7. - -	UNKNOWN ALKANE	25.98	200000.	J
8. - -	UNKNOWN	26.14	90000.	J
9. - -	UNKNOWN	26.30	100000.	J
10. - -	UNKNOWN HYDROCARBON	26.67	100000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM3S45-6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM3S45-6.4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1055

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 12.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

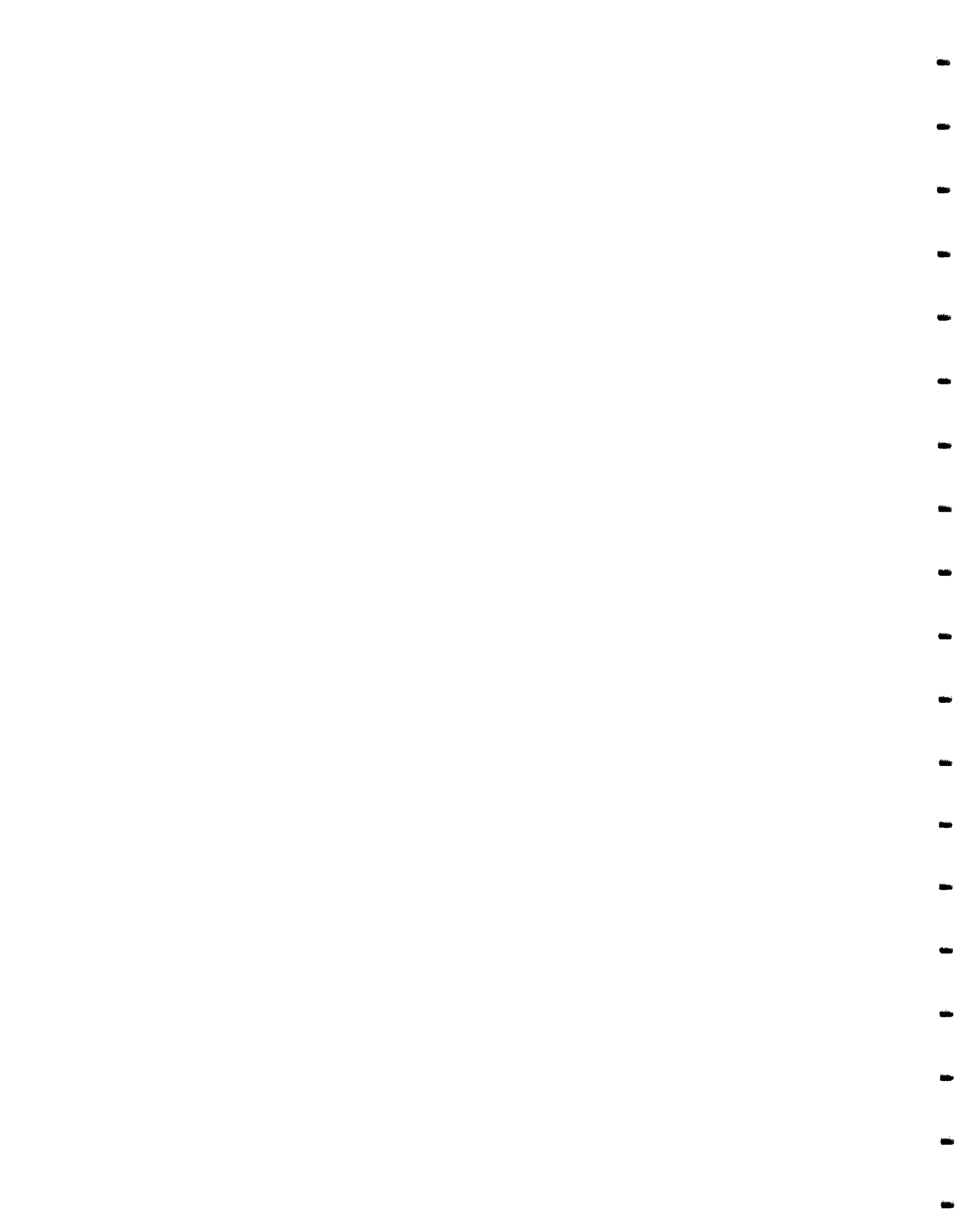
75-71-8-----	Dichlorodifluoromethane	1400.	U
74-87-3-----	Chloromethane	1400.	U
74-83-9-----	Bromomethane	1400.	U
75-01-4-----	Vinyl Chloride	1400.	U
75-00-3-----	Chloroethane	1400.	U
75-09-2-----	Methylene Chloride	710.	U
67-64-1-----	Acetone	1400.	U
75-69-4-----	Trichlorofluoromethane	710.	U
75-15-0-----	Carbon Disulfide	710.	U
75-35-4-----	1,1-Dichloroethene	710.	U
75-34-3-----	1,1-Dichloroethane	710.	U
156-60-5-----	1,2-Dichloroethene-trans	710.	U
594-20-7-----	2,2-Dichloropropane	710.	U
156-59-2-----	1,2-Dichloroethene-cis	710.	U
74-97-5-----	Bromochloromethane	710.	U
67-66-3-----	Chloroform	710.	U
563-58-6-----	1,1-Dichloro-1-propene	710.	U
107-06-2-----	1,2-Dichloroethane	710.	U
78-93-3-----	2-Butanone	1400.	U
71-55-6-----	1,1,1-Trichloroethane	710.	U
56-23-5-----	Carbon Tetrachloride	710.	U
108-05-4-----	Vinyl Acetate	1400.	U
75-27-4-----	Bromodichloromethane	710.	U
78-87-5-----	1,2-Dichloropropane	710.	U
10061-01-5-----	cis-1,3-Dichloropropene	710.	U
96-18-4-----	1,2,3-Trichloropropane	1400.	U
74-95-3-----	Dibromomethane	710.	U
79-01-6-----	Trichloroethene	710.	U
124-48-1-----	Dibromochloromethane	710.	U
79-00-5-----	1,1,2-Trichloroethane	710.	U
71-43-2-----	Benzene	710.	U
10061-02-6-----	trans-1,3-Dichloropropene	710.	U
142-28-9-----	1,3-Dichloropropane	710.	U
75-25-2-----	Bromoform	710.	U
591-78-6-----	2-Hexanone	1400.	U
108-10-1-----	4-Methyl-2-Pentanone	1400.	U

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM3S45-6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM3S45-6.4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1055

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 12.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 10

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	23.84	100000.	J
2.	UNKNOWN AROMATIC	23.96	70000.	J
3.	UNKNOWN ALKANE	24.26	90000.	J
4.	UNKNOWN ALKANE	25.12	100000.	J
5.	UNKNOWN HYDROCARBON	25.33	90000.	J
6.	UNKNOWN HYDROCARBON	25.76	80000.	J
7.	UNKNOWN HYDROCARBON	25.97	100000.	J
8.	UNKNOWN ALKANE	26.14	100000.	J
9.	UNKNOWN ALKANE	26.32	90000.	J
10.	UNKNOWN HYDROCARBON	26.67	90000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM3S57-7.4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM3S57-7.4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1057

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 18.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

75-71-8-----	Dichlorodifluoromethane	1500.	U
74-87-3-----	Chloromethane	1500.	U
74-83-9-----	Bromomethane	1500.	U
75-01-4-----	Vinyl Chloride	1500.	U
75-00-3-----	Chloroethane	1500.	U
75-09-2-----	Methylene Chloride	760.	U
67-64-1-----	Acetone	1500.	U
75-69-4-----	Trichlorofluoromethane	760.	U
75-15-0-----	Carbon Disulfide	760.	U
75-35-4-----	1,1-Dichloroethene	760.	U
75-34-3-----	1,1-Dichloroethane	760.	U
156-60-5-----	1,2-Dichloroethene-trans	760.	U
594-20-7-----	2,2-Dichloropropane	760.	U
156-59-2-----	1,2-Dichloroethene-cis	760.	U
74-97-5-----	Bromochloromethane	760.	U
67-66-3-----	Chloroform	760.	U
563-58-6-----	1,1-Dichloro-1-propene	760.	U
107-06-2-----	1,2-Dichloroethane	760.	U
78-93-3-----	2-Butanone	1500.	U
71-55-6-----	1,1,1-Trichloroethane	760.	U
56-23-5-----	Carbon Tetrachloride	760.	U
108-05-4-----	Vinyl Acetate	1500.	U
75-27-4-----	Bromodichloromethane	760.	U
78-87-5-----	1,2-Dichloropropane	760.	U
10061-01-5-----	cis-1,3-Dichloropropene	760.	U
96-18-4-----	1,2,3-Trichloropropane	1500.	U
74-95-3-----	Dibromomethane	760.	U
79-01-6-----	Trichloroethene	760.	U
124-48-1-----	Dibromochloromethane	760.	U
79-00-5-----	1,1,2-Trichloroethane	760.	U
71-43-2-----	Benzene	760.	U
10061-02-6-----	trans-1,3-Dichloropropene	760.	U
142-28-9-----	1,3-Dichloropropane	760.	U
75-25-2-----	Bromoform	760.	U
591-78-6-----	2-Hexanone	1500.	U
108-10-1-----	4-Methyl-2-Pentanone	1500.	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM3S57-7.4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM3S57-7.4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1057

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 18.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
			Q
127-18-4-----	Tetrachloroethene	760.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	760.	U
106-93-4-----	Ethylene Dibromide (EDB)	760.	U
108-88-3-----	Toluene	760.	U
108-90-7-----	Chlorobenzene	760.	U
630-20-6-----	1,1,1,2-tetrachloroethane	760.	U
100-41-4-----	Ethylbenzene	760.	U
100-42-5-----	Styrene	760.	U
1330-20-7-----	Xylenes (total)	760.	U
98-82-8-----	Isopropylbenzene	760.	U
103-65-1-----	n-Propylbenzene	710.	J
108-86-1-----	Bromobenzene	760.	U
108-67-8-----	1,3,5-Trimethylbenzene	760.	U
95-49-8-----	2-Chlorotoluene	760.	U
106-43-4-----	4-Chlorotoluene	760.	U
98-06-6-----	tert-Butylbenzene	760.	U
95-63-6-----	1,2,4-Trimethylbenzene	760.	U
135-98-8-----	sec-Butylbenzene	900.	
99-87-6-----	p-Cymene	760.	U
104-51-8-----	n-Butylbenzene	2000.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	760.	U
120-82-1-----	1,2,4-Trichlorobenzene	760.	U
87-68-3-----	Hexachlorobutadiene	760.	U
91-20-3-----	Naphthalene	13000.	
87-61-6-----	1,2,3-Trichlorobenzene	760.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM3S57-7.4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM3S57-7.4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1057

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 18.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	METHYL NAPHTHALENE	16.13	30000.	J
2.	UNKNOWN ALKANE	23.83	30000.	J
3.	UNKNOWN ALKANE	24.25	30000.	J
4.	UNKNOWN ALKANE	25.10	60000.	J
5.	UNKNOWN	25.31	30000.	J
6.	UNKNOWN AROMATIC	25.96	70000.	J
7.	UNKNOWN ALKANE	26.12	30000.	J
8.	UNKNOWN ALKANE	26.31	50000.	J
9.	UNKNOWN HYDROCARBON	26.65	40000.	J
10.	UNKNOWN ALKANE	28.65	40000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM3S813-15

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM3S813-15

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1028

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. 8.

Date Analyzed: 05/11/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

75-71-8	Dichlorodifluoromethane	11.	U
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl Chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene Chloride	10.	B
67-64-1	Acetone	11.	U
75-69-4	Trichlorofluoromethane	5.	U
75-15-0	Carbon Disulfide	5.	U
75-35-4	1,1-Dichloroethene	5.	U
75-34-3	1,1-Dichloroethane	5.	U
156-60-5	1,2-Dichloroethene-trans	5.	U
594-20-7	2,2-Dichloropropane	5.	U
156-59-2	1,2-Dichloroethene-cis	5.	U
74-97-5	Bromochloromethane	5.	U
67-66-3	Chloroform	5.	U
563-58-6	1,1-Dichloro-1-propene	5.	U
107-06-2	1,2-Dichloroethane	5.	U
78-93-3	2-Butanone	11.	U
71-55-6	1,1,1-Trichloroethane	5.	U
56-23-5	Carbon Tetrachloride	5.	U
108-05-4	Vinyl Acetate	11.	U
75-27-4	Bromodichloromethane	5.	U
78-87-5	1,2-Dichloropropane	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U
96-18-4	1,2,3-Trichloropropane	11.	U
74-95-3	Dibromomethane	5.	U
79-01-6	Trichloroethene	5.	U
124-48-1	Dibromochloromethane	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U
71-43-2	Benzene	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U
142-28-9	1,3-Dichloropropane	5.	U
75-25-2	Bromoform	5.	U
591-78-6	2-Hexanone	11.	U
108-10-1	4-Methyl-2-Pentanone	11.	U

Qual

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023

KAS 6/1/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM3S813-15

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM3S813-15

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1028

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. 8.

Date Analyzed: 05/11/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM3S813-15

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM3S813-15

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1028

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. 8.

Date Analyzed: 05/11/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	23.82	20.	J
2.	UNKNOWN ALKANE	24.24	20.	J
3.	UNKNOWN ALKANE	24.86	30.	J
4.	UNKNOWN ALKANE	25.07	40.	J
5.	UNKNOWN	25.30	20.	J
6.	UNKNOWN	26.00	40.	J
7.	UNKNOWN ALKANE	26.11	20.	J
8.	UNKNOWN	26.30	20.	J
9.	UNKNOWN	27.74	20.	J
10.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM4S35-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM4S35-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1056

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 10.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

75-71-8-----	Dichlorodifluoromethane	1400.	U
74-87-3-----	Chloromethane	1400.	U
74-83-9-----	Bromomethane	1400.	U
75-01-4-----	Vinyl Chloride	1400.	U
75-00-3-----	Chloroethane	1400.	U
75-09-2-----	Methylene Chloride	690.	U
67-64-1-----	Acetone	1400.	U
75-69-4-----	Trichlorofluoromethane	690.	U
75-15-0-----	Carbon Disulfide	690.	U
75-35-4-----	1,1-Dichloroethene	690.	U
75-34-3-----	1,1-Dichloroethane	690.	U
156-60-5-----	1,2-Dichloroethene-trans	690.	U
594-20-7-----	2,2-Dichloropropane	690.	U
156-59-2-----	1,2-Dichloroethene-cis	690.	U
74-97-5-----	Bromochloromethane	690.	U
67-66-3-----	Chloroform	690.	U
563-58-6-----	1,1-Dichloro-1-propene	690.	U
107-06-2-----	1,2-Dichloroethane	690.	U
78-93-3-----	2-Butanone	1400.	U
71-55-6-----	1,1,1-Trichloroethane	690.	U
56-23-5-----	Carbon Tetrachloride	690.	U
108-05-4-----	Vinyl Acetate	1400.	U
75-27-4-----	Bromodichloromethane	690.	U
78-87-5-----	1,2-Dichloropropane	690.	U
10061-01-5-----	cis-1,3-Dichloropropene	690.	U
96-18-4-----	1,2,3-Trichloropropane	1400.	U
74-95-3-----	Dibromomethane	690.	U
79-01-6-----	Trichloroethene	690.	U
124-48-1-----	Dibromochloromethane	690.	U
79-00-5-----	1,1,2-Trichloroethane	690.	U
71-43-2-----	Benzene	690.	U
10061-02-6-----	trans-1,3-Dichloropropene	690.	U
142-28-9-----	1,3-Dichloropropane	690.	U
75-25-2-----	Bromoform	690.	U
591-78-6-----	2-Hexanone	1400.	U
108-10-1-----	4-Methyl-2-Pentanone	1400.	U

Good

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026

UJ 5-11-96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM4S35-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM4S35-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1056

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 10.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	690.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	690.	U
106-93-4-----	Ethylene Dibromide (EDB)	690.	U
108-88-3-----	Toluene	690.	U
108-90-7-----	Chlorobenzene	690.	U
630-20-6-----	1,1,1,2-tetrachloroethane	690.	U
100-41-4-----	Ethylbenzene	340.	J
100-42-5-----	Styrene	690.	U
1330-20-7-----	Xylenes (total)	690.	U
98-82-8-----	Isopropylbenzene	490.	J
103-65-1-----	n-Propylbenzene	1600.	
108-86-1-----	Bromobenzene	690.	U
108-67-8-----	1,3,5-Trimethylbenzene	690.	U
95-49-8-----	2-Chlorotoluene	690.	U
106-43-4-----	4-Chlorotoluene	690.	U
98-06-6-----	tert-Butylbenzene	690.	U
95-63-6-----	1,2,4-Trimethylbenzene	690.	U
135-98-8-----	sec-Butylbenzene	2300.	
99-87-6-----	p-Cymene	950.	
104-51-8-----	n-Butylbenzene	4400.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	690.	U
120-82-1-----	1,2,4-Trichlorobenzene	690.	U
87-68-3-----	Hexachlorobutadiene	690.	U
91-20-3-----	Naphthalene	24000.	
87-61-6-----	1,2,3-Trichlorobenzene	690.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM4S35-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM4S35-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1056

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 10.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	23.84	90000.	J
2.	UNKNOWN AROMATIC	23.96	60000.	J
3.	UNKNOWN ALKANE	24.26	80000.	J
4.	UNKNOWN ALKANE	25.09	100000.	J
5.	UNKNOWN	25.33	80000.	J
6.	UNKNOWN	25.77	70000.	J
7.	UNKNOWN AROMATIC	25.97	100000.	J
8.	UNKNOWN ALKANE	26.14	90000.	J
9.	UNKNOWN ALKANE	26.32	70000.	J
10.	UNKNOWN HYDROCARBON	26.67	80000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM4S47-7,4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM4S47-7.4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1052

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 10.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	Qual

75-71-8	Dichlorodifluoromethane	1400.	U
74-87-3	Chloromethane	1400.	U
74-83-9	Bromomethane	1400.	U
75-01-4	Vinyl Chloride	1400.	U
75-00-3	Chloroethane	1400.	U
75-09-2	Methylene Chloride	690.	U
67-64-1	Acetone	1400.	U
75-69-4	Trichlorofluoromethane	690.	U
75-15-0	Carbon Disulfide	690.	U
75-35-4	1,1-Dichloroethene	690.	U
75-34-3	1,1-Dichloroethane	690.	U
156-60-5	1,2-Dichloroethene-trans	690.	U
594-20-7	2,2-Dichloropropane	690.	U
156-59-2	1,2-Dichloroethene-cis	690.	U
74-97-5	Bromochloromethane	690.	U
67-66-3	Chloroform	690.	U
563-58-6	1,1-Dichloro-1-propene	690.	U
107-06-2	1,2-Dichloroethane	690.	U
78-93-3	2-Butanone	1400.	U
71-55-6	1,1,1-Trichloroethane	690.	U
56-23-5	Carbon Tetrachloride	690.	U
108-05-4	Vinyl Acetate	1400.	U
75-27-4	Bromodichloromethane	690.	U
78-87-5	1,2-Dichloropropane	690.	U
10061-01-5	cis-1,3-Dichloropropene	690.	U
96-18-4	1,2,3-Trichloropropane	1400.	U
74-95-3	Dibromomethane	690.	U
79-01-6	Trichloroethene	690.	U
124-48-1	Dibromochloromethane	690.	U
79-00-5	1,1,2-Trichloroethane	690.	U
71-43-2	Benzene	690.	U
10061-02-6	trans-1,3-Dichloropropene	690.	U
142-28-9	1,3-Dichloropropane	690.	U
75-25-2	Bromoform	690.	U
591-78-6	2-Hexanone	1400.	U
108-10-1	4-Methyl-2-Pentanone	1400.	U

UJ ✓

UJ ✓

029

KAS
6/11/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM4S47-7.4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM4S47-7.4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1052

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 10.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
127-18-4	Tetrachloroethene	690.	U
79-34-5	1,1,2,2-Tetrachloroethane	690.	U
106-93-4	Ethylene Dibromide (EDB)	690.	U
108-88-3	Toluene	690.	U
108-90-7	Chlorobenzene	690.	U
630-20-6	1,1,1,2-tetrachloroethane	690.	U
100-41-4	Ethylbenzene	690.	U
100-42-5	Styrene	690.	U
1330-20-7	Xylenes (total)	690.	U
98-82-8	Isopropylbenzene	690.	U
103-65-1	n-Propylbenzene	390.	J
108-86-1	Bromobenzene	690.	U
108-67-8	1,3,5-Trimethylbenzene	690.	U
95-49-8	2-Chlorotoluene	690.	U
106-43-4	4-Chlorotoluene	690.	U
98-06-6	tert-Butylbenzene	690.	U
95-63-6	1,2,4-Trimethylbenzene	690.	U
135-98-8	sec-Butylbenzene	740.	
99-87-6	p-Cymene	320.	J
104-51-8	n-Butylbenzene	1800.	
96-12-8	1,2-dibromo-3-chloro-Propane	690.	U
120-82-1	1,2,4-Trichlorobenzene	690.	U
87-68-3	Hexachlorobutadiene	690.	U
91-20-3	Naphthalene	11000.	
87-61-6	1,2,3-Trichlorobenzene	690.	U

FORM I VOA

3/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM4S47-7.4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM4S47-7.4

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1052

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 10.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	23.82	10000.	J
2.	UNKNOWN AROMATIC	23.93	20000.	J
3.	UNKNOWN ALKANE	25.09	20000.	J
4.	UNKNOWN AROMATIC	25.27	20000.	J
5.	UNKNOWN	25.76	20000.	J
6.	UNKNOWN AROMATIC	25.95	50000.	J
7.	UNKNOWN AROMATIC	26.59	30000.	J
8.	UNKNOWN AROMATIC	26.73	30000.	J
9.	UNKNOWN AROMATIC	26.96	10000.	J
10.	UNKNOWN AROMATIC	27.12	20000.	J
11.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM5S22-4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM5S22-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1018

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. 5.

Date Analyzed: 05/10/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	18.	B
67-64-1-----	Acetone	19.	
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	2.	B
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

032

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM5S22-4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM5S22-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1018

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. 5.

Date Analyzed: 05/10/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	19.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

FORM I VOA

3/90

033

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM5S22-4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM5S22-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1018

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. 5.

Date Analyzed: 05/10/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Real

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	SILOXANE	18.79	10.	J
2. - -	SILOXANE	22.39	~~10.~~	~~J~~
3. - -	UNKNOWN AROMATIC	24.97	8.	J
4. - -	UNKNOWN	25.11	10.	J
5. - -	UNKNOWN	25.80	7.	J
6. - -	UNKNOWN AROMATIC	25.99	20.	J
7. - -	UNKNOWN AROMATIC	26.75	10.	J
8. - -	UNKNOWN AROMATIC	29.15	10.	J
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034

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM5S45-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM5S45-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1053

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 12.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

75-71-8-----	Dichlorodifluoromethane	1400.	U
74-87-3-----	Chloromethane	1400.	U
74-83-9-----	Bromomethane	1400.	U
75-01-4-----	Vinyl Chloride	1400.	U
75-00-3-----	Chloroethane	1400.	U
75-09-2-----	Methylene Chloride	710.	U
67-64-1-----	Acetone	1400.	U
75-69-4-----	Trichlorofluoromethane	710.	U
75-15-0-----	Carbon Disulfide	710.	U
75-35-4-----	1,1-Dichloroethene	710.	U
75-34-3-----	1,1-Dichloroethane	710.	U
156-60-5-----	1,2-Dichloroethene-trans	710.	U
594-20-7-----	2,2-Dichloropropane	710.	U
156-59-2-----	1,2-Dichloroethene-cis	710.	U
74-97-5-----	Bromochloromethane	710.	U
67-66-3-----	Chloroform	710.	U
563-58-6-----	1,1-Dichloro-1-propene	710.	U
107-06-2-----	1,2-Dichloroethane	710.	U
78-93-3-----	2-Butanone	1400.	U
71-55-6-----	1,1,1-Trichloroethane	710.	U
56-23-5-----	Carbon Tetrachloride	710.	U
108-05-4-----	Vinyl Acetate	1400.	U
75-27-4-----	Bromodichloromethane	710.	U
78-87-5-----	1,2-Dichloropropane	710.	U
10061-01-5-----	cis-1,3-Dichloropropene	710.	U
96-18-4-----	1,2,3-Trichloropropane	1400.	U
74-95-3-----	Dibromomethane	710.	U
79-01-6-----	Trichloroethene	710.	U
124-48-1-----	Dibromochloromethane	710.	U
79-00-5-----	1,1,2-Trichloroethane	710.	U
71-43-2-----	Benzene	710.	U
10061-02-6-----	trans-1,3-Dichloropropene	710.	U
142-28-9-----	1,3-Dichloropropane	710.	U
75-25-2-----	Bromoform	710.	U
591-78-6-----	2-Hexanone	1400.	U
108-10-1-----	4-Methyl-2-Pentanone	1400.	U

Handwritten: Q

Handwritten: UJ

Handwritten: UJ

035

Handwritten: 1/15 6/11/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM5S45-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM5S45-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1053

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 12.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	710.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	710.	U
106-93-4-----	Ethylene Dibromide (EDB)	710.	U
108-88-3-----	Toluene	710.	U
108-90-7-----	Chlorobenzene	710.	U
630-20-6-----	1,1,1,2-tetrachloroethane	710.	U
100-41-4-----	Ethylbenzene	710.	U
100-42-5-----	Styrene	710.	U
1330-20-7-----	Xylenes (total)	710.	U
98-82-8-----	Isopropylbenzene	250.	J
103-65-1-----	n-Propylbenzene	640.	J
108-86-1-----	Bromobenzene	710.	U
108-67-8-----	1,3,5-Trimethylbenzene	420.	J
95-49-8-----	2-Chlorotoluene	710.	U
106-43-4-----	4-Chlorotoluene	710.	U
98-06-6-----	tert-Butylbenzene	710.	U
95-63-6-----	1,2,4-Trimethylbenzene	780.	
135-98-8-----	sec-Butylbenzene	620.	J
99-87-6-----	p-Cymene	850.	
104-51-8-----	n-Butylbenzene	1500.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	710.	U
120-82-1-----	1,2,4-Trichlorobenzene	710.	U
87-68-3-----	Hexachlorobutadiene	710.	U
91-20-3-----	Naphthalene	12000.	
87-61-6-----	1,2,3-Trichlorobenzene	710.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM5S45-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM5S45-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1053

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 12.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	22.58	40000.	J
2.	UNKNOWN ALKANE	23.83	40000.	J
3.	UNKNOWN ALKANE	24.25	40000.	J
4.	UNKNOWN ALKANE	24.87	90000.	J
5.	UNKNOWN ALKANE	25.08	70000.	J
6.	UNKNOWN	25.31	50000.	J
7.	UNKNOWN AROMATIC	25.75	40000.	J
8.	UNKNOWN AROMATIC	25.96	100000.	J
9.	UNKNOWN ALKANE	26.31	50000.	J
10.	UNKNOWN HYDROCARBON	26.65	100000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM6S57-9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM6S57-9

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1058

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 18.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

75-71-8-----	Dichlorodifluoromethane	3000.	U
74-87-3-----	Chloromethane	3000.	U
74-83-9-----	Bromomethane	3000.	U
75-01-4-----	Vinyl Chloride	3000.	U
75-00-3-----	Chloroethane	3000.	U
75-09-2-----	Methylene Chloride	1500.	U
67-64-1-----	Acetone	3000.	U
75-69-4-----	Trichlorofluoromethane	1500.	U
75-15-0-----	Carbon Disulfide	1500.	U
75-35-4-----	1,1-Dichloroethene	1500.	U
75-34-3-----	1,1-Dichloroethane	1500.	U
156-60-5-----	1,2-Dichloroethene-trans	1500.	U
594-20-7-----	2,2-Dichloropropane	1500.	U
156-59-2-----	1,2-Dichloroethene-cis	1500.	U
74-97-5-----	Bromochloromethane	1500.	U
67-66-3-----	Chloroform	1500.	U
563-58-6-----	1,1-Dichloro-1-propene	1500.	U
107-06-2-----	1,2-Dichloroethane	1500.	U
78-93-3-----	2-Butanone	3000.	U
71-55-6-----	1,1,1-Trichloroethane	1500.	U
56-23-5-----	Carbon Tetrachloride	1500.	U
108-05-4-----	Vinyl Acetate	3000.	U
75-27-4-----	Bromodichloromethane	1500.	U
78-87-5-----	1,2-Dichloropropane	1500.	U
10061-01-5-----	cis-1,3-Dichloropropene	1500.	U
96-18-4-----	1,2,3-Trichloropropane	3000.	U
74-95-3-----	Dibromomethane	1500.	U
79-01-6-----	Trichloroethene	1500.	U
124-48-1-----	Dibromochloromethane	1500.	U
79-00-5-----	1,1,2-Trichloroethane	1500.	U
71-43-2-----	Benzene	1500.	U
10061-02-6-----	trans-1,3-Dichloropropene	1500.	U
142-28-9-----	1,3-Dichloropropane	1500.	U
75-25-2-----	Bromoform	1500.	U
591-78-6-----	2-Hexanone	3000.	U
108-10-1-----	4-Methyl-2-Pentanone	3000.	U

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038

KTS
6/1/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM6S57-9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM6S57-9

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1058

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 18.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	1500.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1500.	U
106-93-4-----	Ethylene Dibromide (EDB)	1500.	U
108-88-3-----	Toluene	1500.	U
108-90-7-----	Chlorobenzene	1500.	U
630-20-6-----	1,1,1,2-tetrachloroethane	1500.	U
100-41-4-----	Ethylbenzene	1800.	
100-42-5-----	Styrene	1500.	U
1330-20-7-----	Xylenes (total)	1500.	U
98-82-8-----	Isopropylbenzene	1500.	
103-65-1-----	n-Propylbenzene	3900.	
108-86-1-----	Bromobenzene	1500.	U
108-67-8-----	1,3,5-Trimethylbenzene	1500.	U
95-49-8-----	2-Chlorotoluene	1500.	U
106-43-4-----	4-Chlorotoluene	1500.	U
98-06-6-----	tert-Butylbenzene	1500.	U
95-63-6-----	1,2,4-Trimethylbenzene	1500.	U
135-98-8-----	sec-Butylbenzene	4700.	
99-87-6-----	p-Cymene	7900.	
104-51-8-----	n-Butylbenzene	8900.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	1500.	U
120-82-1-----	1,2,4-Trichlorobenzene	1500.	U
87-68-3-----	Hexachlorobutadiene	1500.	U
91-20-3-----	Naphthalene	51000.	
87-61-6-----	1,2,3-Trichlorobenzene	1500.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM6S57-9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM6S57-9

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1058

Level: (low/med) MED

Date Received: 05/06/96

% Moisture: not dec. 18.

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN AROMATIC	22.93	100000.	J
2. - -	UNKNOWN AROMATIC	23.94	100000.	J
3. - -	UNKNOWN AROMATIC	24.94	70000.	J
4. - -	UNKNOWN ALKANE	25.08	100000.	J
5. - -	UNKNOWN AROMATIC	25.29	100000.	J
6. - -	UNKNOWN AROMATIC	25.96	100000.	J
7. - -	UNKNOWN ALKANE	26.12	90000.	J
8. - -	UNKNOWN ALKANE	26.31	100000.	J
9. - -	UNKNOWN AROMATIC	26.72	100000.	J
10. - -	UNKNOWN	27.14	70000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM7S22-4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM7S22-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0948

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. 5.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

75-71-8-----Dichlorodifluoromethane	11.	U
74-87-3-----Chloromethane	11.	U
74-83-9-----Bromomethane	11.	U
75-01-4-----Vinyl Chloride	11.	U
75-00-3-----Chloroethane	11.	U
75-09-2-----Methylene Chloride	5.	U
67-64-1-----Acetone	11.	U
75-69-4-----Trichlorofluoromethane	5.	U
75-15-0-----Carbon Disulfide	5.	U
75-35-4-----1,1-Dichloroethene	5.	U
75-34-3-----1,1-Dichloroethane	5.	U
156-60-5-----1,2-Dichloroethene-trans	5.	U
594-20-7-----2,2-Dichloropropane	5.	U
156-59-2-----1,2-Dichloroethene-cis	5.	U
74-97-5-----Bromochloromethane	5.	U
67-66-3-----Chloroform	5.	U
563-58-6-----1,1-Dichloro-1-propene	5.	U
107-06-2-----1,2-Dichloroethane	5.	U
78-93-3-----2-Butanone	11.	U
71-55-6-----1,1,1-Trichloroethane	5.	U
56-23-5-----Carbon Tetrachloride	5.	U
108-05-4-----Vinyl Acetate	11.	U
75-27-4-----Bromodichloromethane	5.	U
78-87-5-----1,2-Dichloropropane	5.	U
10061-01-5-----cis-1,3-Dichloropropene	5.	U
96-18-4-----1,2,3-Trichloropropane	11.	U
74-95-3-----Dibromomethane	5.	U
79-01-6-----Trichloroethene	5.	U
124-48-1-----Dibromochloromethane	5.	U
79-00-5-----1,1,2-Trichloroethane	5.	U
71-43-2-----Benzene	5.	U
10061-02-6-----trans-1,3-Dichloropropene	5.	U
142-28-9-----1,3-Dichloropropane	5.	U
75-25-2-----Bromoform	5.	U
591-78-6-----2-Hexanone	11.	U
108-10-1-----4-Methyl-2-Pentanone	11.	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM7S22-4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM7S22-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0948

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. 5.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM7S22-4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM7S22-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0948

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. 5.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. - -	SILOXANE	17.26	10.	J
2. - -	SILOXANE	20.79	30.	J
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM7S46-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM7S46-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1089

Level: (low/med) MED

Date Received: 05/09/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

75-71-8-----	Dichlorodifluoromethane	1500.	U
74-87-3-----	Chloromethane	1500.	U
74-83-9-----	Bromomethane	1500.	U
75-01-4-----	Vinyl Chloride	1500.	U
75-00-3-----	Chloroethane	1500.	U
75-09-2-----	Methylene Chloride	740.	U
67-64-1-----	Acetone	1500.	U
75-69-4-----	Trichlorofluoromethane	740.	U
75-15-0-----	Carbon Disulfide	740.	U
75-35-4-----	1,1-Dichloroethene	740.	U
75-34-3-----	1,1-Dichloroethane	740.	U
156-60-5-----	1,2-Dichloroethene-trans	740.	U
594-20-7-----	2,2-Dichloropropane	740.	U
156-59-2-----	1,2-Dichloroethene-cis	740.	U
74-97-5-----	Bromochloromethane	740.	U
67-66-3-----	Chloroform	740.	U
563-58-6-----	1,1-Dichloro-1-propene	740.	U
107-06-2-----	1,2-Dichloroethane	740.	U
78-93-3-----	2-Butanone	1500.	U
71-55-6-----	1,1,1-Trichloroethane	740.	U
56-23-5-----	Carbon Tetrachloride	740.	U
108-05-4-----	Vinyl Acetate	1500.	U
75-27-4-----	Bromodichloromethane	740.	U
78-87-5-----	1,2-Dichloropropane	740.	U
10061-01-5-----	cis-1,3-Dichloropropene	740.	U
96-18-4-----	1,2,3-Trichloropropane	1500.	U
74-95-3-----	Dibromomethane	740.	U
79-01-6-----	Trichloroethene	740.	U
124-48-1-----	Dibromochloromethane	740.	U
79-00-5-----	1,1,2-Trichloroethane	740.	U
71-43-2-----	Benzene	740.	U
10061-02-6-----	trans-1,3-Dichloropropene	740.	U
142-28-9-----	1,3-Dichloropropane	740.	U
75-25-2-----	Bromoform	740.	U
591-78-6-----	2-Hexanone	1500.	U
108-10-1-----	4-Methyl-2-Pentanone	1500.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM7S46-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM7S46-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1089

Level: (low/med) MED

Date Received: 05/09/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
127-18-4-----	Tetrachloroethene	740.	U	45 ✓
79-34-5-----	1,1,2,2-Tetrachloroethane	740.	U	
106-93-4-----	Ethylene Dibromide (EDB)	740.	U	
108-88-3-----	Toluene	740.	U	
108-90-7-----	Chlorobenzene	740.	U	
630-20-6-----	1,1,1,2-tetrachloroethane	740.	U	
100-41-4-----	Ethylbenzene	740.	U	
100-42-5-----	Styrene	740.	U	
1330-20-7-----	Xylenes (total)	740.	U	
98-82-8-----	Isopropylbenzene	740.	U	
103-65-1-----	n-Propylbenzene	1000.	U	
108-86-1-----	Bromobenzene	740.	U	
108-67-8-----	1,3,5-Trimethylbenzene	740.	U	
95-49-8-----	2-Chlorotoluene	740.	U	
106-43-4-----	4-Chlorotoluene	740.	U	
98-06-6-----	tert-Butylbenzene	740.	U	
95-63-6-----	1,2,4-Trimethylbenzene	740.	U	
135-98-8-----	sec-Butylbenzene	1300.	U	
99-87-6-----	p-Cymene	490.	J	
104-51-8-----	n-Butylbenzene	2600.	U	
96-12-8-----	1,2-dibromo-3-chloro-Propane	740.	U	Kt 6/1/96
120-82-1-----	1,2,4-Trichlorobenzene	740.	U	
87-68-3-----	Hexachlorobutadiene	740.	U	
91-20-3-----	Naphthalene	16000.	U	
87-61-6-----	1,2,3-Trichlorobenzene	740.	U	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM7S46-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM7S46-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1089

Level: (low/med) MED

Date Received: 05/09/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN ALKANE	23.79	60000.	J
2. - -	UNKNOWN ALKANE	24.21	50000.	J
3. - -	UNKNOWN ALKANE	25.06	100000.	J
4. - -	UNKNOWN	25.27	60000.	J
5. - -	UNKNOWN AROMATIC	25.92	100000.	J
6. - -	UNKNOWN ALKANE	26.27	70000.	J
7. - -	UNKNOWN HYDROCARBON	26.61	70000.	J
8. - -	UNKNOWN AROMATIC	28.40	50000.	J
9. - -	UNKNOWN ALKANE	28.58	60000.	J
10. - -	METHYL NAPHTHALENE	30.46	50000.	J
11.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: AES, Inc.

Contract:

X-1
(Fm-7 5-4 (6-7') Dep)

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1091

Level: (low/med) MED

Date Received: 05/09/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

75-71-8-----	Dichlorodifluoromethane	1500.	U
74-87-3-----	Chloromethane	1500.	U
74-83-9-----	Bromomethane	1500.	U
75-01-4-----	Vinyl Chloride	1500.	U
75-00-3-----	Chloroethane	1500.	U
75-09-2-----	Methylene Chloride	740.	U
67-64-1-----	Acetone	1500.	U
75-69-4-----	Trichlorofluoromethane	740.	U
75-15-0-----	Carbon Disulfide	740.	U
75-35-4-----	1,1-Dichloroethene	740.	U
75-34-3-----	1,1-Dichloroethane	740.	U
156-60-5-----	1,2-Dichloroethene-trans	740.	U
594-20-7-----	2,2-Dichloropropane	740.	U
156-59-2-----	1,2-Dichloroethene-cis	740.	U
74-97-5-----	Bromochloromethane	740.	U
67-66-3-----	Chloroform	740.	U
563-58-6-----	1,1-Dichloro-1-propene	740.	U
107-06-2-----	1,2-Dichloroethane	740.	U
78-93-3-----	2-Butanone	1500.	U
71-55-6-----	1,1,1-Trichloroethane	740.	U
56-23-5-----	Carbon Tetrachloride	740.	U
108-05-4-----	Vinyl Acetate	1500.	U
75-27-4-----	Bromodichloromethane	740.	U
78-87-5-----	1,2-Dichloropropane	740.	U
10061-01-5-----	cis-1,3-Dichloropropene	740.	U
96-18-4-----	1,2,3-Trichloropropane	1500.	U
74-95-3-----	Dibromomethane	740.	U
79-01-6-----	Trichloroethene	740.	U
124-48-1-----	Dibromochloromethane	740.	U
79-00-5-----	1,1,2-Trichloroethane	740.	U
71-43-2-----	Benzene	740.	U
10061-02-6-----	trans-1,3-Dichloropropene	740.	U
142-28-9-----	1,3-Dichloropropane	740.	U
75-25-2-----	Bromoform	740.	U
591-78-6-----	2-Hexanone	1500.	U
108-10-1-----	4-Methyl-2-Pentanone	1500.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: AES, Inc.

Contract:

X-1
(FM-7 S-4 (6-7') Day)

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1091

Level: (low/med) MED

Date Received: 05/09/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	740.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	740.	U
106-93-4-----	Ethylene Dibromide (EDB)	740.	U
108-88-3-----	Toluene	320.	J
108-90-7-----	Chlorobenzene	740.	U
630-20-6-----	1,1,1,2-tetrachloroethane	740.	U
100-41-4-----	Ethylbenzene	350.	J
100-42-5-----	Styrene	740.	U
1330-20-7-----	Xylenes (total)	740.	U
98-82-8-----	Isopropylbenzene	450.	J
103-65-1-----	n-Propylbenzene	1200.	
108-86-1-----	Bromobenzene	740.	U
108-67-8-----	1,3,5-Trimethylbenzene	740.	U
95-49-8-----	2-Chlorotoluene	740.	U
106-43-4-----	4-Chlorotoluene	740.	U
98-06-6-----	tert-Butylbenzene	740.	U
95-63-6-----	1,2,4-Trimethylbenzene	740.	U
135-98-8-----	sec-Butylbenzene	1400.	
99-87-6-----	p-Cymene	740.	U
104-51-8-----	n-Butylbenzene	2800.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	740.	U
120-82-1-----	1,2,4-Trichlorobenzene	740.	U
87-68-3-----	Hexachlorobutadiene	740.	U
91-20-3-----	Naphthalene	22000.	
87-61-6-----	1,2,3-Trichlorobenzene	740.	U

Handwritten: 6/6/96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: AES, Inc.

Contract:

X-1
(FM-7 5-4(6-7') Dwp)

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1091

Level: (low/med) MED

Date Received: 05/09/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	25.06	200000.	J
2.	UNKNOWN	25.27	90000.	J
3.	UNKNOWN HYDROCARBON	25.94	100000.	J
4.	UNKNOWN	26.11	80000.	J
5.	UNKNOWN ALKANE	26.29	90000.	J
6.	UNKNOWN HYDROCARBON	26.64	90000.	J
7.	UNKNOWN	28.05	100000.	J
8.	UNKNOWN ALKANE	28.61	100000.	J
9.	UNKNOWN HYDROCARBON	29.00	100000.	J
10.	METHYL NAPHTHALENE	30.46	100000.	J
11.				
12.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM8S56-8

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM8S56-8

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0950

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. 14.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

75-71-8-----	Dichlorodifluoromethane	12.	U
74-87-3-----	Chloromethane	12.	U
74-83-9-----	Bromomethane	12.	U
75-01-4-----	Vinyl Chloride	12.	U
75-00-3-----	Chloroethane	12.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	12.	U
75-69-4-----	Trichlorofluoromethane	6.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
594-20-7-----	2,2-Dichloropropane	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
74-97-5-----	Bromochloromethane	6.	U
67-66-3-----	Chloroform	6.	U
563-58-6-----	1,1-Dichloro-1-propene	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	12.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	12.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
96-18-4-----	1,2,3-Trichloropropane	12.	U
74-95-3-----	Dibromomethane	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
142-28-9-----	1,3-Dichloropropane	6.	U
75-25-2-----	Bromoform	6.	U
591-78-6-----	2-Hexanone	12.	U
108-10-1-----	4-Methyl-2-Pentanone	12.	U

Q *Q*

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KTS 6/1/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM8S56-8

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM8S56-8

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0950

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. 14.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
106-93-4-----	Ethylene Dibromide (EDB)	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
630-20-6-----	1,1,1,2-tetrachloroethane	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylenes (total)	6.	U
98-82-8-----	Isopropylbenzene	7.	
103-65-1-----	n-Propylbenzene	6.	U
108-86-1-----	Bromobenzene	6.	U
108-67-8-----	1,3,5-Trimethylbenzene	6.	U
95-49-8-----	2-Chlorotoluene	6.	U
106-43-4-----	4-Chlorotoluene	6.	U
98-06-6-----	tert-Butylbenzene	6.	U
95-63-6-----	1,2,4-Trimethylbenzene	6.	U
135-98-8-----	sec-Butylbenzene	29.	
99-87-6-----	p-Cymene	18.	
104-51-8-----	n-Butylbenzene	61.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1-----	1,2,4-Trichlorobenzene	6.	U
87-68-3-----	Hexachlorobutadiene	6.	U
91-20-3-----	Naphthalene	100.	
87-61-6-----	1,2,3-Trichlorobenzene	6.	U

Paul

J

4/15 6/14/96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM8S56-8

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM8S56-8

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0950

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. 14.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN HYDROCARBON	17.54	200.	J
2. - -	UNKNOWN	18.81	90.	J
3. - -	UNKNOWN	19.07	100.	J
4. - -	UNKNOWN	19.30	70.	J
5. - -	UNKNOWN	19.57	80.	J
6. - -	UNKNOWN	19.97	80.	J
7. - -	UNKNOWN	20.10	100.	J
8. - -	UNKNOWN	20.84	70.	J
9. - -	UNKNOWN AROMATIC	21.28	60.	J
10. - -	UNKNOWN	21.60	200.	J
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM9522-4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM9522-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0949

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. 5.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

Q

Qual

UJ

UJ

050

*1545
6/16/96*

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM9,522-4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM9522-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0949

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. 5.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----Tetrachloroethene	5.	U
79-34-5-----1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----Ethylene Dibromide (EDB)	5.	U
108-88-3-----Toluene	5.	U
108-90-7-----Chlorobenzene	5.	U
630-20-6-----1,1,1,2-tetrachloroethane	5.	U
100-41-4-----Ethylbenzene	5.	U
100-42-5-----Styrene	5.	U
1330-20-7-----Xylenes (total)	5.	U
98-82-8-----Isopropylbenzene	5.	U
103-65-1-----n-Propylbenzene	5.	U
108-86-1-----Bromobenzene	5.	U
108-67-8-----1,3,5-Trimethylbenzene	5.	U
95-49-8-----2-Chlorotoluene	5.	U
106-43-4-----4-Chlorotoluene	5.	U
98-06-6-----tert-Butylbenzene	5.	U
95-63-6-----1,2,4-Trimethylbenzene	5.	U
135-98-8-----sec-Butylbenzene	5.	U
99-87-6-----p-Cymene	5.	U
104-51-8-----n-Butylbenzene	5.	U
96-12-8-----1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----1,2,4-Trichlorobenzene	5.	U
87-68-3-----Hexachlorobutadiene	5.	U
91-20-3-----Naphthalene	5.	U
87-61-6-----1,2,3-Trichlorobenzene	5.	U

FORM I VOA

3/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM9522-4

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM9522-4

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0949

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. 5.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN ALKANE	21.60	80.	J
2. - -	UNKNOWN ALKANE	22.31	90.	J
3. - -	UNKNOWN ALKANE	22.61	200.	J
4. - -	UNKNOWN AROMATIC	22.78	100.	J
5. - -	UNKNOWN	23.03	80.	J
6. - -	UNKNOWN	23.31	100.	J
7. - -	UNKNOWN	23.45	100.	J
8. - -	UNKNOWN	23.63	60.	J
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM9S46-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM9S46-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1090

Level: (low/med) MED

Date Received: 05/09/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

75-71-8-----	Dichlorodifluoromethane	2900.	U
74-87-3-----	Chloromethane	2900.	U
74-83-9-----	Bromomethane	2900.	U
75-01-4-----	Vinyl Chloride	2900.	U
75-00-3-----	Chloroethane	2900.	U
75-09-2-----	Methylene Chloride	1500.	U
67-64-1-----	Acetone	2900.	U
75-69-4-----	Trichlorofluoromethane	1500.	U
75-15-0-----	Carbon Disulfide	1500.	U
75-35-4-----	1,1-Dichloroethene	1500.	U
75-34-3-----	1,1-Dichloroethane	1500.	U
156-60-5-----	1,2-Dichloroethene-trans	1500.	U
594-20-7-----	2,2-Dichloropropane	1500.	U
156-59-2-----	1,2-Dichloroethene-cis	1500.	U
74-97-5-----	Bromochloromethane	1500.	U
67-66-3-----	Chloroform	1500.	U
563-58-6-----	1,1-Dichloro-1-propene	1500.	U
107-06-2-----	1,2-Dichloroethane	1500.	U
78-93-3-----	2-Butanone	2900.	U
71-55-6-----	1,1,1-Trichloroethane	1500.	U
56-23-5-----	Carbon Tetrachloride	1500.	U
108-05-4-----	Vinyl Acetate	2900.	U
75-27-4-----	Bromodichloromethane	1500.	U
78-87-5-----	1,2-Dichloropropane	1500.	U
10061-01-5-----	cis-1,3-Dichloropropene	1500.	U
96-18-4-----	1,2,3-Trichloropropane	2900.	U
74-95-3-----	Dibromomethane	1500.	U
79-01-6-----	Trichloroethene	1500.	U
124-48-1-----	Dibromochloromethane	1500.	U
79-00-5-----	1,1,2-Trichloroethane	1500.	U
71-43-2-----	Benzene	1500.	U
10061-02-6-----	trans-1,3-Dichloropropene	1500.	U
142-28-9-----	1,3-Dichloropropane	1500.	U
75-25-2-----	Bromoform	1500.	U
591-78-6-----	2-Hexanone	2900.	U
108-10-1-----	4-Methyl-2-Pentanone	2900.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM9S46-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM9S46-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1090

Level: (low/med) MED

Date Received: 05/09/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
127-18-4-----	Tetrachloroethene	1500.	U	JL ✓
79-34-5-----	1,1,2,2-Tetrachloroethane	1500.	U	
106-93-4-----	Ethylene Dibromide (EDB)	1500.	U	
108-88-3-----	Toluene	1500.	U	
108-90-7-----	Chlorobenzene	1500.	U	
630-20-6-----	1,1,1,2-tetrachloroethane	1500.	U	
100-41-4-----	Ethylbenzene	2500.	U	
100-42-5-----	Styrene	1500.	U	
1330-20-7-----	Xylenes (total)	4300.	U	
98-82-8-----	Isopropylbenzene	2400.	U	
103-65-1-----	n-Propylbenzene	5200.	U	JL ✓
108-86-1-----	Bromobenzene	1500.	U	
108-67-8-----	1,3,5-Trimethylbenzene	1500.	U	
95-49-8-----	2-Chlorotoluene	1500.	U	
106-43-4-----	4-Chlorotoluene	1500.	U	
98-06-6-----	tert-Butylbenzene	1500.	U	
95-63-6-----	1,2,4-Trimethylbenzene	40000.	U	
135-98-8-----	sec-Butylbenzene	6500.	U	
99-87-6-----	p-Cymene	8300.	U	
104-51-8-----	n-Butylbenzene	15000.	U	
96-12-8-----	1,2-dibromo-3-chloro-Propane	1500.	U	JL ✓
120-82-1-----	1,2,4-Trichlorobenzene	1500.	U	
87-68-3-----	Hexachlorobutadiene	1500.	U	
91-20-3-----	Naphthalene	67000.	E	
87-61-6-----	1,2,3-Trichlorobenzene	1500.	U	

6/4/96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM9S46-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) SOIL

Lab Sample ID: FM9S46-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1090

Level: (low/med) MED

Date Received: 05/09/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 2.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CONCENTRATION UNITS:

Number TICs found: 9

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN ALKANE	24.21	100000.	J
2. - -	UNKNOWN	25.28	100000.	J
3. - -	UNKNOWN AROMATIC	25.72	100000.	J
4. - -	UNKNOWN AROMATIC	25.93	200000.	J
5. - -	UNKNOWN ALKANE	26.27	100000.	J
6. - -	UNKNOWN HYDROCARBON	26.62	200000.	J
7. - -	UNKNOWN	28.03	100000.	J
8. - -	UNKNOWN ALKANE	28.59	100000.	J
9.541-73-1	1,3-DICHLOROBENZENE	22.50	4500.	N
10.106-46-7	1,4-DICHLOROBENZENE	22.73	10000.	N

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM10S1.5-3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM10S1.5-3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0954

Level: (low/med) LOW

Date Received: 05/10/96

% Moisture: not dec. 7.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

UJ ✓

UJ ✓

008

Krs
4/12

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM10S1.5 -3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM10S1.5-3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0954

Level: (low/med) LOW

Date Received: 05/10/96

% Moisture: not dec. 7.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	3.	J
99-87-6-----	p-Cymene	3.	J
104-51-8-----	n-Butylbenzene	3.	J
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5-22.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

FORM I VOA

3/90

009

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM10S1.5-3

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM10S1.5-3

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: D0954

Level: (low/med) LOW

Date Received: 05/10/96

% Moisture: not dec. 7.

Date Analyzed: 05/16/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN SILOXANE	17.27	50.	J
2. - -	UNKNOWN	19.67	30.	J
3. - -	UNKNOWN SILOXANE	20.80	40.	J
4. - -	UNKNOWN	21.29	50.	J
5. - -	UNKNOWN ALKANE	22.60	80.	J
6. - -	UNKNOWN AROMATIC	23.04	60.	J
7. - -	UNKNOWN	23.46	60.	J
8. - -	UNKNOWN	24.82	30.	J
9. - -	UNKNOWN AROMATIC	24.94	30.	J
10.				
11.				
12.				
13.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM10S35-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM10S35-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1093

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 18.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

75-71-8-----	Dichlorodifluoromethane	1500.	U
74-87-3-----	Chloromethane	1500.	U
74-83-9-----	Bromomethane	1500.	U
75-01-4-----	Vinyl Chloride	1500.	U
75-00-3-----	Chloroethane	1500.	U
75-09-2-----	Methylene Chloride	760.	U
67-64-1-----	Acetone	1500.	U
75-69-4-----	Trichlorofluoromethane	760.	U
75-15-0-----	Carbon Disulfide	760.	U
75-35-4-----	1,1-Dichloroethene	760.	U
75-34-3-----	1,1-Dichloroethane	760.	U
156-60-5-----	1,2-Dichloroethene-trans	760.	U
594-20-7-----	2,2-Dichloropropane	760.	U
156-59-2-----	1,2-Dichloroethene-cis	760.	U
74-97-5-----	Bromochloromethane	760.	U
67-66-3-----	Chloroform	760.	U
563-58-6-----	1,1-Dichloro-1-propene	760.	U
107-06-2-----	1,2-Dichloroethane	760.	U
78-93-3-----	2-Butanone	1500.	U
71-55-6-----	1,1,1-Trichloroethane	760.	U
56-23-5-----	Carbon Tetrachloride	760.	U
108-05-4-----	Vinyl Acetate	1500.	U
75-27-4-----	Bromodichloromethane	760.	U
78-87-5-----	1,2-Dichloropropane	760.	U
10061-01-5-----	cis-1,3-Dichloropropene	760.	U
96-18-4-----	1,2,3-Trichloropropane	1500.	U
74-95-3-----	Dibromomethane	760.	U
79-01-6-----	Trichloroethene	760.	U
124-48-1-----	Dibromochloromethane	760.	U
79-00-5-----	1,1,2-Trichloroethane	760.	U
71-43-2-----	Benzene	760.	U
10061-02-6-----	trans-1,3-Dichloropropene	760.	U
142-28-9-----	1,3-Dichloropropane	760.	U
75-25-2-----	Bromoform	760.	U
591-78-6-----	2-Hexanone	1500.	U
108-10-1-----	4-Methyl-2-Pentanone	1500.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM10S35-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM10S35-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1093

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 18.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

127-18-4-----	Tetrachloroethene	760.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	760.	U
106-93-4-----	Ethylene Dibromide (EDB)	760.	U
108-88-3-----	Toluene	760.	U
108-90-7-----	Chlorobenzene	760.	U
630-20-6-----	1,1,1,2-tetrachloroethane	760.	U
100-41-4-----	Ethylbenzene	760.	U
100-42-5-----	Styrene	760.	U
1330-20-7-----	Xylenes (total)	760.	U
98-82-8-----	Isopropylbenzene	760.	U
103-65-1-----	n-Propylbenzene	330.	J
108-86-1-----	Bromobenzene	760.	U
108-67-8-----	1,3,5-Trimethylbenzene	760.	U
95-49-8-----	2-Chlorotoluene	760.	U
106-43-4-----	4-Chlorotoluene	760.	U
98-06-6-----	tert-Butylbenzene	760.	U
95-63-6-----	1,2,4-Trimethylbenzene	760.	U
135-98-8-----	sec-Butylbenzene	530.	J
99-87-6-----	p-Cymene	660.	J
104-51-8-----	n-Butylbenzene	1200.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	760.	U
120-82-1-----	1,2,4-Trichlorobenzene	760.	U
87-68-3-----	Hexachlorobutadiene	760.	U
91-20-3-----	Naphthalene	4800.	
87-61-6-----	1,2,3-Trichlorobenzene	760.	U

UJ
UJ

FORM I VOA

3/90

6/13/96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM10S35-7

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM10S35-7

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1093

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 18.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN AROMATIC	22.90	20000.	J
2.	UNKNOWN AROMATIC	23.91	20000.	J
3.	UNKNOWN ALKANE	24.21	10000.	J
4.	UNKNOWN ALKANE	25.04	20000.	J
5.	UNKNOWN AROMATIC	25.72	10000.	J
6.	UNKNOWN AROMATIC	25.92	30000.	J
7.	UNKNOWN AROMATIC	26.69	10000.	J
8.	UNKNOWN ALKANE	~~28.58~~	~~20000.~~	~~J~~
9.	UNKNOWN PAH	29.07	20000.	J
10.	METHYL NAPHTHALENE	30.46	20000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM11S23-5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM11S23-5

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1094

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 4.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

75-71-8-----	Dichlorodifluoromethane	1300.	U
74-87-3-----	Chloromethane	1300.	U
74-83-9-----	Bromomethane	1300.	U
75-01-4-----	Vinyl Chloride	1300.	U
75-00-3-----	Chloroethane	1300.	U
75-09-2-----	Methylene Chloride	650.	U
67-64-1-----	Acetone	1300.	U
75-69-4-----	Trichlorofluoromethane	650.	U
75-15-0-----	Carbon Disulfide	650.	U
75-35-4-----	1,1-Dichloroethene	650.	U
75-34-3-----	1,1-Dichloroethane	650.	U
156-60-5-----	1,2-Dichloroethene-trans	650.	U
594-20-7-----	2,2-Dichloropropane	650.	U
156-59-2-----	1,2-Dichloroethene-cis	650.	U
74-97-5-----	Bromochloromethane	650.	U
67-66-3-----	Chloroform	650.	U
563-58-6-----	1,1-Dichloro-1-propene	650.	U
107-06-2-----	1,2-Dichloroethane	650.	U
78-93-3-----	2-Butanone	1300.	U
71-55-6-----	1,1,1-Trichloroethane	650.	U
56-23-5-----	Carbon Tetrachloride	650.	U
108-05-4-----	Vinyl Acetate	1300.	U
75-27-4-----	Bromodichloromethane	650.	U
78-87-5-----	1,2-Dichloropropane	650.	U
10061-01-5-----	cis-1,3-Dichloropropene	650.	U
96-18-4-----	1,2,3-Trichloropropane	1300.	U
74-95-3-----	Dibromomethane	650.	U
79-01-6-----	Trichloroethene	650.	U
124-48-1-----	Dibromochloromethane	650.	U
79-00-5-----	1,1,2-Trichloroethane	650.	U
71-43-2-----	Benzene	650.	U
10061-02-6-----	trans-1,3-Dichloropropene	650.	U
142-28-9-----	1,3-Dichloropropane	650.	U
75-25-2-----	Bromoform	650.	U
591-78-6-----	2-Hexanone	1300.	U
108-10-1-----	4-Methyl-2-Pentanone	1300.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM11S23-5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM11S23-5

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1094

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 4.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

127-18-4-----Tetrachloroethene	650.	U
79-34-5-----1,1,2,2-Tetrachloroethane	650.	U
106-93-4-----Ethylene Dibromide (EDB)	650.	U
108-88-3-----Toluene	220.	J
108-90-7-----Chlorobenzene	650.	U
630-20-6-----1,1,1,2-tetrachloroethane	650.	U
100-41-4-----Ethylbenzene	290.	J
100-42-5-----Styrene	650.	U
1330-20-7-----Xylenes (total)	650.	U
98-82-8-----Isopropylbenzene	650.	U
103-65-1-----n-Propylbenzene	650.	U
108-86-1-----Bromobenzene	650.	U
108-67-8-----1,3,5-Trimethylbenzene	540.	J
95-49-8-----2-Chlorotoluene	650.	U
106-43-4-----4-Chlorotoluene	650.	U
98-06-6-----tert-Butylbenzene	650.	U
95-63-6-----1,2,4-Trimethylbenzene	1100.	
135-98-8-----sec-Butylbenzene	650.	U
99-87-6-----p-Cymene	140.	J
104-51-8-----n-Butylbenzene	650.	U
96-12-8-----1,2-dibromo-3-chloro-Propane	650.	U
120-82-1-----1,2,4-Trichlorobenzene	650.	U
87-68-3-----Hexachlorobutadiene	650.	U
91-20-3-----Naphthalene	1300.	
87-61-6-----1,2,3-Trichlorobenzene	650.	U

FORM I VOA

3/90

015

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM11S23-5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM11S23-5

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1094

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 4.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	22.54	10000.	J
2.	UNKNOWN ALKANE	24.83	50000.	J
3.	UNKNOWN HYDROCARBON	25.03	20000.	J
4.	UNKNOWN	25.27	10000.	J
5.	UNKNOWN AROMATIC	25.94	20000.	J
6.	UNKNOWN HYDROCARBON	26.61	20000.	J
7.	UNKNOWN ALKANE	26.98	40000.	J
8.	UNKNOWN AROMATIC	29.06	10000.	J
9.	UNKNOWN ALKANE	29.20	10000.	J
10.	UNKNOWN AROMATIC	30.47	10000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM11S36-6.5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM11S36-6.5

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1095

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

75-71-8-----	Dichlorodifluoromethane	1500.	U
74-87-3-----	Chloromethane	1500.	U
74-83-9-----	Bromomethane	1500.	U
75-01-4-----	Vinyl Chloride	1500.	U
75-00-3-----	Chloroethane	1500.	U
75-09-2-----	Methylene Chloride	740.	U
67-64-1-----	Acetone	1500.	U
75-69-4-----	Trichlorofluoromethane	740.	U
75-15-0-----	Carbon Disulfide	740.	U
75-35-4-----	1,1-Dichloroethene	740.	U
75-34-3-----	1,1-Dichloroethane	740.	U
156-60-5-----	1,2-Dichloroethene-trans	740.	U
594-20-7-----	2,2-Dichloropropane	740.	U
156-59-2-----	1,2-Dichloroethene-cis	740.	U
74-97-5-----	Bromochloromethane	740.	U
67-66-3-----	Chloroform	740.	U
563-58-6-----	1,1-Dichloro-1-propene	740.	U
107-06-2-----	1,2-Dichloroethane	740.	U
78-93-3-----	2-Butanone	1500.	U
71-55-6-----	1,1,1-Trichloroethane	2000.	U
56-23-5-----	Carbon Tetrachloride	740.	U
108-05-4-----	Vinyl Acetate	1500.	U
75-27-4-----	Bromodichloromethane	740.	U
78-87-5-----	1,2-Dichloropropane	740.	U
10061-01-5-----	cis-1,3-Dichloropropene	740.	U
96-18-4-----	1,2,3-Trichloropropane	1500.	U
74-95-3-----	Dibromomethane	740.	U
79-01-6-----	Trichloroethene	740.	U
124-48-1-----	Dibromochloromethane	740.	U
79-00-5-----	1,1,2-Trichloroethane	740.	U
71-43-2-----	Benzene	740.	U
10061-02-6-----	trans-1,3-Dichloropropene	740.	U
142-28-9-----	1,3-Dichloropropane	740.	U
75-25-2-----	Bromoform	740.	U
591-78-6-----	2-Hexanone	1500.	U
108-10-1-----	4-Methyl-2-Pentanone	1500.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM11S36-6.5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM11S36-6.5

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1095

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
127-18-4	Tetrachloroethene	740.	U	
79-34-5	1,1,2,2-Tetrachloroethane	740.	U	
106-93-4	Ethylene Dibromide (EDB)	740.	U	
108-88-3	Toluene	350.	J	
108-90-7	Chlorobenzene	740.	U	
630-20-6	1,1,1,2-tetrachloroethane	740.	U	
100-41-4	Ethylbenzene	3100.		
100-42-5	Styrene	740.	U	
1330-20-7	Xylenes (total)	~~740-3400.~~		
98-82-8	Isopropylbenzene	220.	J	
103-65-1	n-Propylbenzene	570.	J	
108-86-1	Bromobenzene	740.	U	
108-67-8	1,3,5-Trimethylbenzene	5300.		
95-49-8	2-Chlorotoluene	740.	U	
106-43-4	4-Chlorotoluene	740.	U	
98-06-6	tert-Butylbenzene	740.	U	
95-63-6	1,2,4-Trimethylbenzene	12000.		
135-98-8	sec-Butylbenzene	490.	J	
99-87-6	p-Cymene	690.	J	
104-51-8	n-Butylbenzene	740.	U	
96-12-8	1,2-dibromo-3-chloro-Propane	740.	U	
120-82-1	1,2,4-Trichlorobenzene	740.	U	
87-68-3	Hexachlorobutadiene	740.	U	
91-20-3	Naphthalene	8100.		
87-61-6	1,2,3-Trichlorobenzene	740.	U	

FORM I VOA

3/90

019

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM11S36-6.5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM11S36-6.5

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1095

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 15.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	UNKNOWN ALKANE	22.57	100000.	J
2. - -	UNKNOWN ALKANE	24.21	70000.	J
3. - -	UNKNOWN ALKANE	24.88	200000.	J
4. - -	UNKNOWN	25.30	80000.	J
5. - -	UNKNOWN HYDROCARBON	25.95	100000.	J
6. - -	UNKNOWN	26.27	60000.	J
7. - -	UNKNOWN HYDROCARBON	26.64	90000.	J
8. - -	UNKNOWN ALKANE	27.01	200000.	J
9. - -	UNKNOWN ALKANE	28.03	70000.	J
10. - -	UNKNOWN ALKANE	29.21	90000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM12S23-5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM12S23-5

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1086

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 7.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

Q

75-71-8-----	Dichlorodifluoromethane	1300.	U
74-87-3-----	Chloromethane	1300.	U
74-83-9-----	Bromomethane	1300.	U
75-01-4-----	Vinyl Chloride	1300.	U
75-00-3-----	Chloroethane	1300.	U
75-09-2-----	Methylene Chloride	670.	U
67-64-1-----	Acetone	1300.	U
75-69-4-----	Trichlorofluoromethane	670.	U
75-15-0-----	Carbon Disulfide	670.	U
75-35-4-----	1,1-Dichloroethene	670.	U
75-34-3-----	1,1-Dichloroethane	670.	U
156-60-5-----	1,2-Dichloroethene-trans	670.	U
594-20-7-----	2,2-Dichloropropane	670.	U
156-59-2-----	1,2-Dichloroethene-cis	670.	U
74-97-5-----	Bromochloromethane	670.	U
67-66-3-----	Chloroform	670.	U
563-58-6-----	1,1-Dichloro-1-propene	670.	U
107-06-2-----	1,2-Dichloroethane	670.	U
78-93-3-----	2-Butanone	1300.	U
71-55-6-----	1,1,1-Trichloroethane	670.	U
56-23-5-----	Carbon Tetrachloride	670.	U
108-05-4-----	Vinyl Acetate	1300.	U
75-27-4-----	Bromodichloromethane	670.	U
78-87-5-----	1,2-Dichloropropane	670.	U
10061-01-5-----	cis-1,3-Dichloropropene	670.	U
96-18-4-----	1,2,3-Trichloropropane	1300.	U
74-95-3-----	Dibromomethane	670.	U
79-01-6-----	Trichloroethene	670.	U
124-48-1-----	Dibromochloromethane	670.	U
79-00-5-----	1,1,2-Trichloroethane	670.	U
71-43-2-----	Benzene	670.	U
10061-02-6-----	trans-1,3-Dichloropropene	670.	U
142-28-9-----	1,3-Dichloropropane	670.	U
75-25-2-----	Bromoform	670.	U
591-78-6-----	2-Hexanone	1300.	U
108-10-1-----	4-Methyl-2-Pentanone	1300.	U

WJ

021

WMS 6/13/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM12S23-5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM12S23-5

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1086

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 7.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	670.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	670.	U
106-93-4-----	Ethylene Dibromide (EDB)	670.	U
108-88-3-----	Toluene	670.	U
108-90-7-----	Chlorobenzene	670.	U
630-20-6-----	1,1,1,2-tetrachloroethane	670.	U
100-41-4-----	Ethylbenzene	670.	U
100-42-5-----	Styrene	670.	U
1330-20-7-----	Xylenes (total)	670.	U
98-82-8-----	Isopropylbenzene	670.	U
103-65-1-----	n-Propylbenzene	670.	U
108-86-1-----	Bromobenzene	670.	U
108-67-8-----	1,3,5-Trimethylbenzene	670.	U
95-49-8-----	2-Chlorotoluene	670.	U
106-43-4-----	4-Chlorotoluene	670.	U
98-06-6-----	tert-Butylbenzene	670.	U
95-63-6-----	1,2,4-Trimethylbenzene	670.	U
135-98-8-----	sec-Butylbenzene	670.	U
99-87-6-----	p-Cymene	670.	U
104-51-8-----	n-Butylbenzene	670.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	670.	U
120-82-1-----	1,2,4-Trichlorobenzene	670.	U
87-68-3-----	Hexachlorobutadiene	670.	U
91-20-3-----	Naphthalene	1600.	
87-61-6-----	1,2,3-Trichlorobenzene	1200.	

FORM I VOA

3/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM12S23-5

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM12S23-5

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1086

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 7.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM12S47-9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM12S47-9

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1096

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 16.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

75-71-8-----	Dichlorodifluoromethane	1500.	U
74-87-3-----	Chloromethane	1500.	U
74-83-9-----	Bromomethane	1500.	U
75-01-4-----	Vinyl Chloride	1500.	U
75-00-3-----	Chloroethane	1500.	U
75-09-2-----	Methylene Chloride	740.	U
67-64-1-----	Acetone	1500.	U
75-69-4-----	Trichlorofluoromethane	740.	U
75-15-0-----	Carbon Disulfide	740.	U
75-35-4-----	1,1-Dichloroethene	740.	U
75-34-3-----	1,1-Dichloroethane	740.	U
156-60-5-----	1,2-Dichloroethene-trans	740.	U
594-20-7-----	2,2-Dichloropropane	740.	U
156-59-2-----	1,2-Dichloroethene-cis	740.	U
74-97-5-----	Bromochloromethane	740.	U
67-66-3-----	Chloroform	740.	U
563-58-6-----	1,1-Dichloro-1-propene	740.	U
107-06-2-----	1,2-Dichloroethane	740.	U
78-93-3-----	2-Butanone	1500.	U
71-55-6-----	1,1,1-Trichloroethane	740.	U
56-23-5-----	Carbon Tetrachloride	740.	U
108-05-4-----	Vinyl Acetate	1500.	U
75-27-4-----	Bromodichloromethane	740.	U
78-87-5-----	1,2-Dichloropropane	740.	U
10061-01-5-----	cis-1,3-Dichloropropene	740.	U
96-18-4-----	1,2,3-Trichloropropane	1500.	U
74-95-3-----	Dibromomethane	740.	U
79-01-6-----	Trichloroethene	740.	U
124-48-1-----	Dibromochloromethane	740.	U
79-00-5-----	1,1,2-Trichloroethane	740.	U
71-43-2-----	Benzene	740.	U
10061-02-6-----	trans-1,3-Dichloropropene	740.	U
142-28-9-----	1,3-Dichloropropane	740.	U
75-25-2-----	Bromoform	740.	U
591-78-6-----	2-Hexanone	1500.	U
108-10-1-----	4-Methyl-2-Pentanone	1500.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM12S47-9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM12S47-9

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1096

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 16.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

127-18-4-----	Tetrachloroethene	740.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	740.	U
106-93-4-----	Ethylene Dibromide (EDB)	740.	U
108-88-3-----	Toluene	250.	J
108-90-7-----	Chlorobenzene	740.	U
630-20-6-----	1,1,1,2-tetrachloroethane	740.	U
100-41-4-----	Ethylbenzene	330.	J
100-42-5-----	Styrene	740.	U
1330-20-7-----	Xylenes (total)	740.	U
98-82-8-----	Isopropylbenzene	570.	J
103-65-1-----	n-Propylbenzene	1200.	
108-86-1-----	Bromobenzene	740.	U
108-67-8-----	1,3,5-Trimethylbenzene	740.	U
95-49-8-----	2-Chlorotoluene	740.	U
106-43-4-----	4-Chlorotoluene	740.	U
98-06-6-----	tert-Butylbenzene	740.	U
95-63-6-----	1,2,4-Trimethylbenzene	740.	U
135-98-8-----	sec-Butylbenzene	1900.	
99-87-6-----	p-Cymene	740.	U
104-51-8-----	n-Butylbenzene	3800.	
96-12-8-----	1,2-dibromo-3-chloro-Propane	740.	U
120-82-1-----	1,2,4-Trichlorobenzene	740.	U
87-68-3-----	Hexachlorobutadiene	740.	U
91-20-3-----	Naphthalene	24000.	
87-61-6-----	1,2,3-Trichlorobenzene	740.	U

FORM I VOA

3/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FM12S47-9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) SOIL

Lab Sample ID: FM12S47-9

Sample wt/vol: 4.000 (g/mL) G

Lab File ID: C1096

Level: (low/med) MED

Date Received: 05/10/96

% Moisture: not dec. 16.

Date Analyzed: 05/15/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: 10000. (uL)

Soil Aliquot Volume: 100. (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN AROMATIC	23.92	50000.	J
2.	UNKNOWN ALKANE	24.23	40000.	J
3.	UNKNOWN	25.29	40000.	J
4.	UNKNOWN AROMATIC	25.94	90000.	J
5.	UNKNOWN ALKANE	26.28	50000.	J
6.	UNKNOWN HYDROCARBON	26.63	60000.	J
7.	UNKNOWN AROMATIC	28.41	40000.	J
8.	UNKNOWN ALKANE	28.60	60000.	J
9.	UNKNOWN HYDROCARBON	28.99	40000.	J
10.	UNKNOWN AROMATIC	30.47	90000.	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) WATER

Lab Sample ID: TB

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1075

Level: (low/med) LOW

Date Received: 05/10/96

% Moisture: not dec. _____

Date Analyzed: 05/14/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

75-71-8-----	Dichlorodifluoromethane	10.	U
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	10.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) WATER

Lab Sample ID: TB

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1075

Level: (low/med) LOW

Date Received: 05/10/96

% Moisture: not dec. _____

Date Analyzed: 05/14/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

FORM I VOA

3/90

028

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM10S1

Matrix: (soil/water) WATER

Lab Sample ID: TB

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1075

Level: (low/med) LOW

Date Received: 05/10/96

% Moisture: not dec. _____

Date Analyzed: 05/14/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQB-1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: EQB-1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1049

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. _____

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

75-71-8-----	Dichlorodifluoromethane	10.	U
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	10.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQB-1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: EQB-1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1049

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. _____

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

FORM I VOA

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EQB-1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: EQB-1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1049

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. _____

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQB-2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: EQB-2

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1048

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. _____

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

75-71-8-----	Dichlorodifluoromethane	10.	U
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	10.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQB-2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: EQB-2

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1048

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. _____

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

FORM I VOA

3/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EQB-2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: EQB-2

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1048

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. _____

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. - -	UNKNOWN ALKANE	28.62	9.	BJ
2.				
3.				
4.				
5.				
6.				
7.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: TB1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1050

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. _____

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

75-71-8-----	Dichlorodifluoromethane	10.	U
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	10.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U

065

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: TB1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1050

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. _____

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: TB1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1050

Level: (low/med) LOW

Date Received: 05/06/96

% Moisture: not dec. _____

Date Analyzed: 05/13/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	SILOXANE	22.36	20.	J
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: TB2

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1074

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. _____

Date Analyzed: 05/14/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

75-71-8-----	Dichlorodifluoromethane	10.	U
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	10.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: TB2

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1074

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. _____

Date Analyzed: 05/14/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM1S46

Matrix: (soil/water) WATER

Lab Sample ID: TB2

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1074

Level: (low/med) LOW

Date Received: 05/09/96

% Moisture: not dec. _____

Date Analyzed: 05/14/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

PCB ORGANICS ANALYSIS DATA SHEET

FM-1,S-4(6-7')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-1,S-4(6-7')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960506 P01

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 15. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/ 6/96

GPC Cleanup: (Y/N) N

pH: 7.2

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Arochlor-1016

1200. U

11104-28-2-----Arochlor-1221

1200. U

11141-16-5-----Arochlor-1232

1200. U

53469-21-9-----Arochlor-1242

1200.

12672-29-6-----Arochlor-1248

1200. U

11097-69-1-----Arochlor-1254

760. J

11096-82-5-----Arochlor-1260

1200. U

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1/87 Rev.

071

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM-2,S-4(5-7')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-2,S-4(5-7')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960506 P12

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 13. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/ 7/96

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	99.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	27.	J
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

1/87 Rev.

10
PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM-3,3-4(5-6.4')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,5-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-3,5-4(5-6.4')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960506 P05

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 12. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/ 6/96

GPC Cleanup: (Y/N) N pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	91.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

1/87 Rev.

073

FM-3,S-5(7-7.4')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-3,S-5(7-7.4')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960506 P06

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 18. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/ 6/96

GPC Cleanup: (Y/N) N

pH: 6.9

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	78.	J
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	1200.	U
11096-82-5-----	Arochlor-1260	1200.	U

FORM I PEST

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FM-3,S-8(13-15')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-3,S-8(13-15')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960506 P07

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 8. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/ 6/96

GPC Cleanup: (Y/N) N

pH: 8.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----Arochlor-1016

1100. U

11104-28-2-----Arochlor-1221

1100. U

11141-16-5-----Arochlor-1232

1100. U

53469-21-9-----Arochlor-1242

1100. U

12672-29-6-----Arochlor-1248

1100. U

11097-69-1-----Arochlor-1254

1100. U

11096-82-5-----Arochlor-1260

1100. U

FORM I PEST

1/87 Rev.

PCB ORGANICS ANALYSIS DATA SHEET

FM-4,S-3(5-7')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-4,S-3(5-7')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960506 P03

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 10. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/ 6/96

GPC Cleanup: (Y/N) N

pH: 7.2

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	680.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	86.	J
11096-82-5-----	Arochlor-1260	1100.	U

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FM-4, S-4(7-7.4')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1, S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-4, S-4(7-7.4')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960506 P04

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 10. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/ 6/96

GPC Cleanup: (Y/N) N

pH: 7.7

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	440.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	100.	J
11096-82-5-----	Arochlor-1260	1100.	U

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PCB ORGANICS ANALYSIS DATA SHEET

FM-5,S-2(2-4')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-5,S-2(2-4')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960506 P09

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 5. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/ 6/96

GPC Cleanup: (Y/N) N

pH: 8.1

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

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FM-5,S-4(5-7)

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7)

Matrix: (soil/water) SOIL

Lab Sample ID: FM-5,S-4(5-7)

Sample Wt/Vol: 10.0 (g/mL) G

Lab File ID: 960506 P10

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 12. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/ 7/96

GPC Cleanup: (Y/N) N

pH: 8.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----Arochlor-1016

1100. U

11104-28-2-----Arochlor-1221

1100. U

11141-16-5-----Arochlor-1232

1100. U

53469-21-9-----Arochlor-1242

130. J

12672-29-6-----Arochlor-1248

1100. U

11097-69-1-----Arochlor-1254

27. J

11096-82-5-----Arochlor-1260

1100. U

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FM-6,S-5(7-9')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-6,S-5(7-9')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960506 P02

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 18. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/ 6/96

GPC Cleanup: (Y/N) N

pH: 7.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	14000.	
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	1200.	U
11096-82-5-----	Arochlor-1260	1200.	U

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FM-7,S-2(2-4')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-7,S-2(2-4')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960509 A002

Level: (low/med) LOW

Date Received: 5/ 9/96

% Moisture: not dec. 5. dec. _____

Date Extracted: 5/ 9/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GPC Cleanup: (Y/N) N

pH: 7.7

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	57.	J
11096-82-5-----	Arochlor-1260	1100.	U

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FM-7,S-4(6-7')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-7,S-4(6-7')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960509 A001

Level: (low/med) LOW

Date Received: 5/ 9/96

% Moisture: not dec. 15. dec. _____

Date Extracted: 5/ 9/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GPC Cleanup: (Y/N) N

pH: 7.6

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	160.	J
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	39.	J
11096-82-5-----	Arochlor-1260	1200.	U

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X-1
(FM-7 S-4 (6-7') Dup)

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1, S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960509 A006

Level: (low/med) LOW

Date Received: 5/ 9/96

% Moisture: not dec. 15. dec. _____

Date Extracted: 5/ 9/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GPC Cleanup: (Y/N) N pH: 7.5

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	240.	J
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	49.	J
11096-82-5-----	Arochlor-1260	1200.	U

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FM-8, (6-8') S-5

Lab Name: AES, INC.

Contract:

Lab Code: AES Case No.: 09607 SAS No.: SDG No.: FM-1, S-4 (6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-8, (6-8') S-5

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960509 A005

Level: (low/med) LOW

Date Received: 5/ 9/96

% Moisture: not dec. 14. dec. _____

Date Extracted: 5/ 9/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GPC Cleanup: (Y/N) N

pH: 7.6

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	520.	J
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	160.	J
11096-82-5-----	Arochlor-1260	1200.	U

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FM-9,S-2(2-4')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-9,S-2(2-4')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960509 A004

Level: (low/med) LOW

Date Received: 5/ 9/96

% Moisture: not dec. 5. dec. _____

Date Extracted: 5/ 9/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Arochlor-1016	1100.	U
11104-28-2-----Arochlor-1221	1100.	U
11141-16-5-----Arochlor-1232	1100.	U
53469-21-9-----Arochlor-1242	500.	J
12672-29-6-----Arochlor-1248	1100.	U
11097-69-1-----Arochlor-1254	170.	J
11096-82-5-----Arochlor-1260	1100.	U

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FM-9,S-4(6-7')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-9,S-4(6-7')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960509 A003

Level: (low/med) LOW

Date Received: 5/ 9/96

% Moisture: not dec. 15. dec. _____

Date Extracted: 5/ 9/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GPC Cleanup: (Y/N) N pH: 7.8

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	2000.	U
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	1200.	U
11096-82-5-----	Arochlor-1260	1200.	U

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EQB-1

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) WATER

Lab Sample ID: EQB-1

Sample wt/vol: 900.0 (g/mL) ML

Lab File ID: 960506 P11

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 100. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) LLP

Date Analyzed: 5/ 7/96

GPC Cleanup: (Y/N) N pH: 6.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

12674-11-2-----	Arochlor-1016	.065	U

11104-28-2-----	Arochlor-1221	.16	U

11141-16-5-----	Arochlor-1232	.065	U

53469-21-9-----	Arochlor-1242	.065	U

12672-29-6-----	Arochlor-1248	.065	U

11097-69-1-----	Arochlor-1254	.065	U

11096-82-5-----	Arochlor-1260	.065	U

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EQB-2

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09607

SAS No.:

SDG No.: FM-1,S-4(6-7')

Matrix: (soil/water) WATER

Lab Sample ID: EQB-2

Sample wt/vol: 900.0 (g/mL) ML

Lab File ID: 960506 P08

Level: (low/med) LOW

Date Received: 5/ 6/96

% Moisture: not dec. 100. dec. _____

Date Extracted: 5/ 6/96

Extraction: (SepF/Cont/Sonc) LLP

Date Analyzed: 5/ 7/96

GPC Cleanup: (Y/N) N pH: 6.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
12674-11-2-----	Arochlor-1016	.065	U
11104-28-2-----	Arochlor-1221	.16	U
11141-16-5-----	Arochlor-1232	.065	U
53469-21-9-----	Arochlor-1242	.065	U
12672-29-6-----	Arochlor-1248	.065	U
11097-69-1-----	Arochlor-1254	.065	U
11096-82-5-----	Arochlor-1260	.065	U

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EPA SAMPLE NO.

FM-10,S-1(0.5-3')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM-10,S-1(0.5-3')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-10,S-1(0.5-3')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960510 T01

Level: (low/med) LOW

Date Received: 5/10/96

% Moisture: not dec. 7. dec. _____

Date Extracted: 5/10/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GPC Cleanup: (Y/N) N

pH: 7.6

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1000.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	91.	J
11096-82-5-----	Arochlor-1260	1100.	U

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EPA SAMPLE NO.

FM-10,S-3(5-7')

Lab Name: AES, INC.

Contract:

Lab Code: AES Case No.: 09609 SAS No.: SDG No.: FM-10,S-1(0.5-3')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-10,S-3(5-7')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960510 T02

Level: (low/med) LOW

Date Received: 5/10/96

% Moisture: not dec. 18. dec. _____

Date Extracted: 5/10/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GPC Cleanup: (Y/N) N pH: 7.7

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	1300.	
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	91.	J
11096-82-5-----	Arochlor-1260	1200.	U

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EPA SAMPLE NO.

FM-11,S-2(3-5')

Lab Name: AES, INC.

Contract:

Lab Code: AES Case No.: 09609 SAS No.: SDG No.: FM-10,S-1(0.5-3')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-11,S-2(3-5')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960510 T03

Level: (low/med) LOW

Date Received: 5/10/96

Moisture: not dec. 4. dec. _____

Date Extracted: 5/10/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/16/96

PC Cleanup: (Y/N) N pH: 7.4

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----Arochlor-1016	1000.	U
11104-28-2-----Arochlor-1221	1000.	U
11141-16-5-----Arochlor-1232	1000.	U
53469-21-9-----Arochlor-1242	1000.	U
12672-29-6-----Arochlor-1248	1000.	U
11097-69-1-----Arochlor-1254	1000.	U
11096-82-5-----Arochlor-1260	1000.	U

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EPA SAMPLE NO.

FM-11,S-3(6-6.5')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM-10,S-1 (0.5-3')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-11,S-3(6-6.5')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960510 T04

Level: (low/med) LOW

Date Received: 5/10/96

% Moisture: not dec. 15. dec. _____

Date Extracted: 5/10/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GPC Cleanup: (Y/N) N

pH: 6.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	1200.	U
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	1200.	U
11096-82-5-----	Arochlor-1260	1200.	U

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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FM-12,S-2(3-5')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09609

SAS No.:

SDG No.: FM-10,S-1(0.5-3')

Matrix: (soil/water) SOIL

Lab Sample ID: FM-12,S-2(3-5')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960510 T05

Level: (low/med) LOW

Date Received: 5/10/96

% Moisture: not dec. 7. dec. _____

Date Extracted: 5/10/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GPC Cleanup: (Y/N) N

pH: 7.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	610.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	940.	J
11096-82-5-----	Arochlor-1260	1100.	U

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EPA SAMPLE NO.

FM-12,S-4(7-9')

Lab Name: AES, INC.

Contract:

Lab Code: AES Case No.: 09609 SAS No.: SDG No.: FM-10,S-1(0.5-3')

Matrix: (soil/water) SDIL

Lab Sample ID: FM-12,S-4(7-9')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960510 T06

Level: (low/med) LOW

Date Received: 5/10/96

% Moisture: not dec. 16. dec. _____

Date Extracted: 5/10/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/10/96

GFC Cleanup: (Y/N) N pH: 7.5

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	8900.	
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	1100.	J
11096-82-5-----	Arochlor-1260	1200.	U

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APPENDIX J-4

**Soil Analytical Laboratory Data
May 20, 1996**

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OBG-69

Lab Name: AES

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-69,S1B,2.5

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: B1423

Level: (low/med) LOW

Date Received: 5/21/96

% Moisture: not dec. 17. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 6/ 4/96

GPC Cleanup: (Y/N) N

pH: 6.3

Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

106-46-7-----	1,4-Dichlorobenzene	400.	U
621-64-7-----	N-Nitroso-Di-n-propylamine	400.	U
120-82-1-----	1,2,4-Trichlorobenzene	400.	U
91-20-3-----	Naphthalene	400.	U
83-32-9-----	Acenaphthene	400.	U
121-14-2-----	2,4-Dinitrotoluene	400.	U
86-73-7-----	Fluorene	400.	U
85-01-8-----	Phenanthrene	400.	U
120-12-7-----	Anthracene	400.	U
206-44-0-----	Fluoranthene	400.	U
129-00-0-----	Pyrene	400.	U
56-55-3-----	Benzo (a) Anthracene	400.	U
218-01-9-----	Chrysene	400.	U
205-99-2-----	Benzo (b) fluoranthene	400.	U
207-08-9-----	Benzo (k) Fluoranthene	400.	U
50-32-8-----	Benzo (a) Pyrene	400.	U
193-39-5-----	Indeno (1,2,3-cd) Pyrene	400.	U
53-70-3-----	Dibenzo (a,h) Anthracene	400.	U
191-24-2-----	Benzo (g,h,i) Perylene	400.	U
91-57-6-----	2-Methylnaphthalene	400.	U

FORM I SV-1

1/87 Rev.

K15
6/20/96

035

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OBG-70

Lab Name: AES

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-70,S2A,2-3

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: B1421

Level: (low/med) LOW

Date Received: 5/21/96

% Moisture: not dec. 10. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 6/ 4/96

GPC Cleanup: (Y/N) N

pH: 7.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

106-46-7-----	1,4-Dichlorobenzene	370.	U
621-64-7-----	N-Nitroso-Di-n-propylamine	370.	U
120-82-1-----	1,2,4-Trichlorobenzene	370.	U
91-20-3-----	Naphthalene	370.	U
83-32-9-----	Acenaphthene	370.	U
121-14-2-----	2,4-Dinitrotoluene	370.	U
86-73-7-----	Fluorene	370.	U
85-01-8-----	Phenanthrene	370.	U
120-12-7-----	Anthracene	370.	U
206-44-0-----	Fluoranthene	370.	U
129-00-0-----	Pyrene	370.	U
56-55-3-----	Benzo (a) Anthracene	370.	U
218-01-9-----	Chrysene	370.	U
205-99-2-----	Benzo (b) fluoranthene	370.	U
207-08-9-----	Benzo (k) Fluoranthene	370.	U
50-32-8-----	Benzo (a) Pyrene	370.	U
193-39-5-----	Indeno (1,2,3-cd) Pyrene	370.	U
53-70-3-----	Dibenzo (a,h) Anthracene	370.	U
191-24-2-----	Benzo (g,h,i) Perylene	370.	U
91-57-6-----	2-Methylnaphthalene	370.	U

FORM I SV-1

1/87 Rev.

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

OBG-71

Lab Name: AES

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S3

Matrix: (soil/water) SOIL

Lab Sample ID: OBG-71, S2, 2-3.

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: B1422

Level: (low/med) LOW

Date Received: 5/21/96

% Moisture: not dec. 10. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 6/ 4/96

GPC Cleanup: (Y/N) N

pH: 6.9

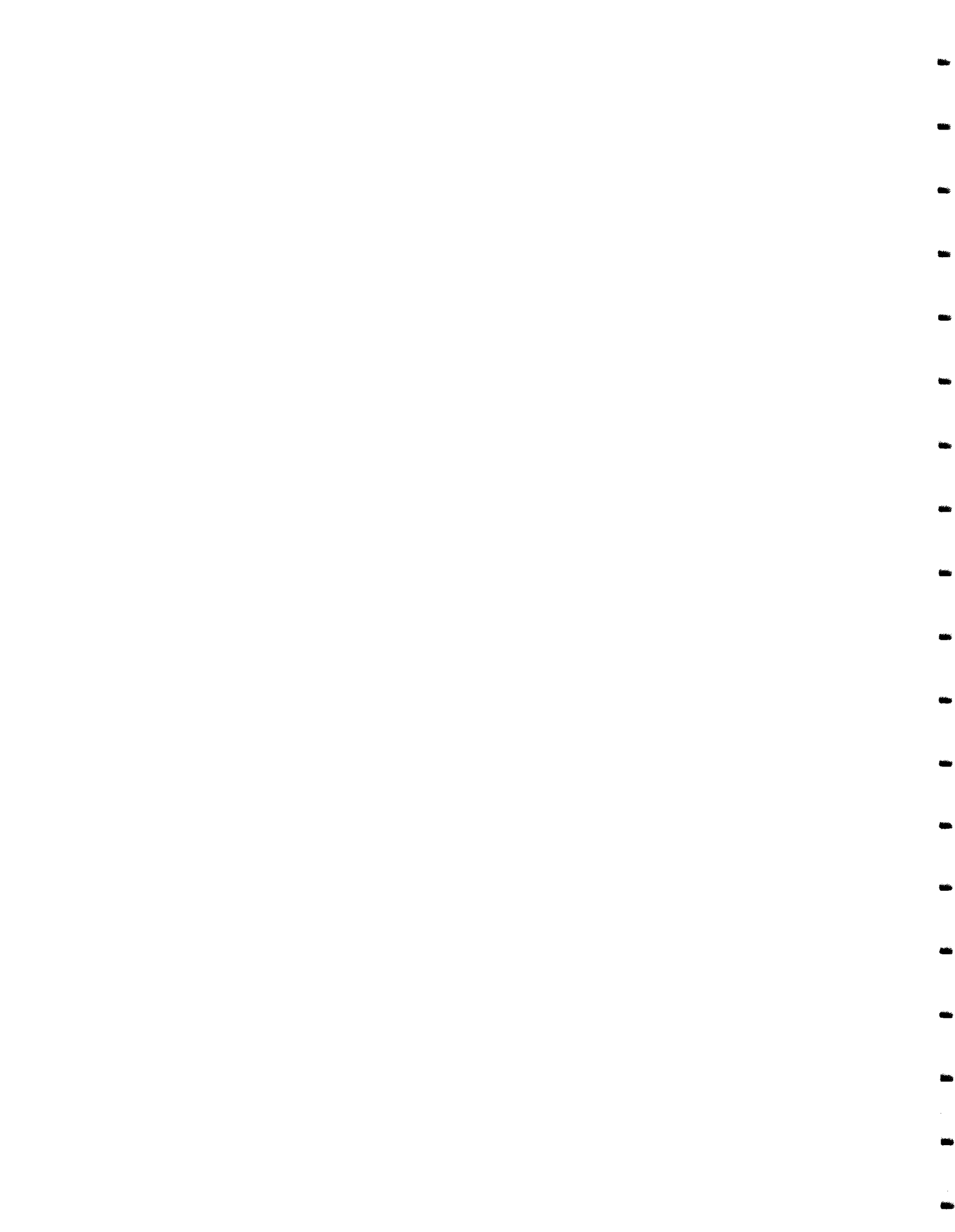
Dilution Factor: 1.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

106-46-7-----1,4-Dichlorobenzene	370.	U
621-64-7-----N-Nitroso-Di-n-propylamine	370.	U
120-82-1-----1,2,4-Trichlorobenzene	370.	U
91-20-3-----Naphthalene	370.	U
83-32-9-----Acenaphthene	370.	U
121-14-2-----2,4-Dinitrotoluene	370.	U
86-73-7-----Fluorene	370.	U
85-01-8-----Phenanthrene	370.	U
120-12-7-----Anthracene	370.	U
206-44-0-----Fluoranthene	370.	U
129-00-0-----Pyrene	370.	U
56-55-3-----Benzo (a) Anthracene	370.	U
218-01-9-----Chrysene	370.	U
205-99-2-----Benzo (b) fluoranthene	370.	U
207-08-9-----Benzo (k) Fluoranthene	370.	U
50-32-8-----Benzo (a) Pyrene	370.	U
193-39-5-----Indeno (1,2,3-cd) Pyrene	370.	U
53-70-3-----Dibenzo (a,h) Anthracene	370.	U
191-24-2-----Benzo (g,h,i) Perylene	370.	U
91-57-6-----2-Methylnaphthalene	370.	U

FORM I SV-1

1/87 Rev.



APPENDIX J-5

**Soil Analytical Laboratory Data
May 21 and 22, 1996**

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LF1S36-7.9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF1S36-7.9

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1248

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 15.

Date Analyzed: 05/29/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

75-71-8	Dichlorodifluoromethane	12.	U
74-87-3	Chloromethane	12.	U
74-83-9	Bromomethane	12.	U
75-01-4	Vinyl Chloride	12.	U
75-00-3	Chloroethane	12.	U
75-09-2	Methylene Chloride	6.	U
67-64-1	Acetone	12.	U
75-69-4	Trichlorofluoromethane	6.	U
75-15-0	Carbon Disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
156-60-5	1,2-Dichloroethene-trans	6.	U
594-20-7	2,2-Dichloropropane	6.	U
156-59-2	1,2-Dichloroethene-cis	6.	U
74-97-5	Bromochloromethane	6.	U
67-66-3	Chloroform	6.	U
563-58-6	1,1-Dichloro-1-propene	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone	12.	U
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon Tetrachloride	6.	U
108-05-4	Vinyl Acetate	12.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
96-18-4	1,2,3-Trichloropropane	12.	U
74-95-3	Dibromomethane	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
142-28-9	1,3-Dichloropropane	6.	U
75-25-2	Bromoform	6.	U
591-78-6	2-Hexanone	12.	U
108-10-1	4-Methyl-2-Pentanone	12.	U

008

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LF1S36-7.9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF1S36-7.9

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1248

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 15.

Date Analyzed: 05/29/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
106-93-4-----	Ethylene Dibromide (EDB)	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
630-20-6-----	1,1,1,2-tetrachloroethane	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylenes (total)	6.	U
98-82-8-----	Isopropylbenzene	6.	U
103-65-1-----	n-Propylbenzene	6.	U
108-86-1-----	Bromobenzene	6.	U
108-67-8-----	1,3,5-Trimethylbenzene	6.	U
95-49-8-----	2-Chlorotoluene	6.	U
106-43-4-----	4-Chlorotoluene	6.	U
98-06-6-----	tert-Butylbenzene	6.	U
95-63-6-----	1,2,4-Trimethylbenzene	6.	U
135-98-8-----	sec-Butylbenzene	6.	U
99-87-6-----	p-Cymene	6.	U
104-51-8-----	n-Butylbenzene	6.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1-----	1,2,4-Trichlorobenzene	6.	U
87-68-3-----	Hexachlorobutadiene	6.	U
91-20-3-----	Naphthalene	6.	U
87-61-6-----	1,2,3-Trichlorobenzene	6.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LF1S36-7.9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF1S36-7.9

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1248

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 15.

Date Analyzed: 05/29/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LF2S24-5.6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF2S24-5.6

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1249

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 13.

Date Analyzed: 05/29/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	6.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
594-20-7-----	2,2-Dichloropropane	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
74-97-5-----	Bromochloromethane	6.	U
67-66-3-----	Chloroform	6.	U
563-58-6-----	1,1-Dichloro-1-propene	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
142-28-9-----	1,3-Dichloropropane	6.	U
75-25-2-----	Bromoform	6.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

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Handwritten: 11/12/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LF2S24-5.6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF2S24-5.6

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1249

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 13.

Date Analyzed: 05/29/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

127-18-4	Tetrachloroethene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
106-93-4	Ethylene Dibromide (EDB)	6.	U
108-88-3	Toluene	6.	U
108-90-7	Chlorobenzene	6.	U
630-20-6	1,1,1,2-tetrachloroethane	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylenes (total)	6.	U
98-82-8	Isopropylbenzene	6.	U
103-65-1	n-Propylbenzene	6.	U
108-86-1	Bromobenzene	6.	U
108-67-8	1,3,5-Trimethylbenzene	6.	U
95-49-8	2-Chlorotoluene	6.	U
106-43-4	4-Chlorotoluene	6.	U
98-06-6	tert-Butylbenzene	6.	U
95-63-6	1,2,4-Trimethylbenzene	6.	U
135-98-8	sec-Butylbenzene	6.	U
99-87-6	p-Cymene	6.	U
104-51-8	n-Butylbenzene	6.	U
96-12-8	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1	1,2,4-Trichlorobenzene	6.	U
87-68-3	Hexachlorobutadiene	6.	U
91-20-3	Naphthalene	6.	U
87-61-6	1,2,3-Trichlorobenzene	6.	U

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KAS
6/19/96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LF2S24-5.6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF2S24-5.6

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1249

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 13.

Date Analyzed: 05/29/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	SILOXANE	18.79	7.	J
2. - -	SILOXANE	22.37	30.	J
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LF3S38-9.6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF3S38-9.6

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1259

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 11.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	6.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
594-20-7-----	2,2-Dichloropropane	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
74-97-5-----	Bromochloromethane	6.	U
67-66-3-----	Chloroform	6.	U
563-58-6-----	1,1-Dichloro-1-propene	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
142-28-9-----	1,3-Dichloropropane	6.	U
75-25-2-----	Bromoform	6.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LF3S38-9.6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF3S38-9.6

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1259

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 11.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
106-93-4-----	Ethylene Dibromide (EDB)	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
630-20-6-----	1,1,1,2-tetrachloroethane	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylenes (total)	6.	U
98-82-8-----	Isopropylbenzene	6.	U
103-65-1-----	n-Propylbenzene	6.	U
108-86-1-----	Bromobenzene	6.	U
108-67-8-----	1,3,5-Trimethylbenzene	6.	U
95-49-8-----	2-Chlorotoluene	6.	U
106-43-4-----	4-Chlorotoluene	6.	U
98-06-6-----	tert-Butylbenzene	6.	U
95-63-6-----	1,2,4-Trimethylbenzene	6.	U
135-98-8-----	sec-Butylbenzene	6.	U
99-87-6-----	p-Cymene	6.	U
104-51-8-----	n-Butylbenzene	6.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1-----	1,2,4-Trichlorobenzene	6.	U
87-68-3-----	Hexachlorobutadiene	6.	U
91-20-3-----	Naphthalene	6.	U
87-61-6-----	1,2,3-Trichlorobenzene	6.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LF3S38-9.6

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF3S38-9.6

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1259

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 11.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LF4S24-5.9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF4S24-5.9

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1247

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 13.

Date Analyzed: 05/29/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	6.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
594-20-7-----	2,2-Dichloropropane	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
74-97-5-----	Bromochloromethane	6.	U
67-66-3-----	Chloroform	6.	U
563-58-6-----	1,1-Dichloro-1-propene	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	6.	U
79-01-6-----	Trichloroethene	6.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
142-28-9-----	1,3-Dichloropropane	6.	U
75-25-2-----	Bromoform	6.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

Q

Handwritten: Q

Handwritten: U

Handwritten: 017

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LF4S24-5.9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF4S24-5.9

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1247

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 13.

Date Analyzed: 05/29/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

127-18-4-----	Tetrachloroethene	6.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	6.	U
106-93-4-----	Ethylene Dibromide (EDB)	6.	U
108-88-3-----	Toluene	6.	U
108-90-7-----	Chlorobenzene	6.	U
630-20-6-----	1,1,1,2-tetrachloroethane	6.	U
100-41-4-----	Ethylbenzene	6.	U
100-42-5-----	Styrene	6.	U
1330-20-7-----	Xylenes (total)	6.	U
98-82-8-----	Isopropylbenzene	6.	U
103-65-1-----	n-Propylbenzene	6.	U
108-86-1-----	Bromobenzene	6.	U
108-67-8-----	1,3,5-Trimethylbenzene	6.	U
95-49-8-----	2-Chlorotoluene	6.	U
106-43-4-----	4-Chlorotoluene	6.	U
98-06-6-----	tert-Butylbenzene	6.	U
95-63-6-----	1,2,4-Trimethylbenzene	6.	U
135-98-8-----	sec-Butylbenzene	6.	U
99-87-6-----	p-Cymene	6.	U
104-51-8-----	n-Butylbenzene	6.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1-----	1,2,4-Trichlorobenzene	6.	U
87-68-3-----	Hexachlorobutadiene	6.	U
91-20-3-----	Napthalene	4.	BJ
87-61-6-----	1,2,3-Trichlorobenzene	6.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LF4S24-5.9

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: LF4S24-5.9

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1247

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 13.

Date Analyzed: 05/29/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. - -	SILOXANE	18.76	7.	J
2. - -	SILOXANE	22.37	20.	J
3.				
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: AES, Inc.

Contract:

X-1
(Dup of LF-3)

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1250

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 10.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

75-71-8	Dichlorodifluoromethane	11.	U
74-87-3	Chloromethane	11.	U
74-83-9	Bromomethane	11.	U
75-01-4	Vinyl Chloride	11.	U
75-00-3	Chloroethane	11.	U
75-09-2	Methylene Chloride	6.	U
67-64-1	Acetone	11.	U
75-69-4	Trichlorofluoromethane	6.	U
75-15-0	Carbon Disulfide	6.	U
75-35-4	1,1-Dichloroethene	6.	U
75-34-3	1,1-Dichloroethane	6.	U
156-60-5	1,2-Dichloroethene-trans	6.	U
594-20-7	2,2-Dichloropropane	6.	U
156-59-2	1,2-Dichloroethene-cis	6.	U
74-97-5	Bromochloromethane	6.	U
67-66-3	Chloroform	6.	U
563-58-6	1,1-Dichloro-1-propene	6.	U
107-06-2	1,2-Dichloroethane	6.	U
78-93-3	2-Butanone	11.	U
71-55-6	1,1,1-Trichloroethane	6.	U
56-23-5	Carbon Tetrachloride	6.	U
108-05-4	Vinyl Acetate	11.	U
75-27-4	Bromodichloromethane	6.	U
78-87-5	1,2-Dichloropropane	6.	U
10061-01-5	cis-1,3-Dichloropropene	6.	U
96-18-4	1,2,3-Trichloropropane	11.	U
74-95-3	Dibromomethane	6.	U
79-01-6	Trichloroethene	6.	U
124-48-1	Dibromochloromethane	6.	U
79-00-5	1,1,2-Trichloroethane	6.	U
71-43-2	Benzene	6.	U
10061-02-6	trans-1,3-Dichloropropene	6.	U
142-28-9	1,3-Dichloropropane	6.	U
75-25-2	Bromoform	6.	U
591-78-6	2-Hexanone	11.	U
108-10-1	4-Methyl-2-Pentanone	11.	U

Paul

R✓

WJ✓

WJ✓

026

KAC 6/19/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: AES, Inc.

Contract:

X-1
(Dup of LF-3)

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1250

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 10.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
106-93-4	Ethylene Dibromide (EDB)	6.	U
108-88-3	Toluene	6.	U
108-90-7	Chlorobenzene	6.	U
630-20-6	1,1,1,2-tetrachloroethane	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylenes (total)	6.	U
98-82-8	Isopropylbenzene	6.	U
103-65-1	n-Propylbenzene	6.	U
108-86-1	Bromobenzene	6.	U
108-67-8	1,3,5-Trimethylbenzene	6.	U
95-49-8	2-Chlorotoluene	6.	U
106-43-4	4-Chlorotoluene	6.	U
98-06-6	tert-Butylbenzene	6.	U
95-63-6	1,2,4-Trimethylbenzene	6.	U
135-98-8	sec-Butylbenzene	6.	U
99-87-6	p-Cymene	6.	U
104-51-8	n-Butylbenzene	6.	U
96-12-8	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1	1,2,4-Trichlorobenzene	6.	U
87-68-3	Hexachlorobutadiene	6.	U
91-20-3	Naphthalene	6.	U
87-61-6	1,2,3-Trichlorobenzene	6.	U

Guided
↓

KK 6/17/96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1250

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 10.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LF-1.S-3(6-7.9')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF-1.S-3(6-7.9')

Matrix: (soil/water) SOIL

Lab Sample ID: LF-1.S-3(6-7.9')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960523 604

Level: (low/med) LOW

Date Received: 5/23/96

% Moisture: not dec. 15. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/24/96

GPC Cleanup: (Y/N) N

pH: 8.1

Dilution Factor: 20.00

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

12674-11-2-----Arochlor-1016	24000.	U
11104-28-2-----Arochlor-1221	24000.	U
11141-16-5-----Arochlor-1232	24000.	U
53469-21-9-----Arochlor-1242	63000.	U
12672-29-6-----Arochlor-1248	24000.	U
11097-69-1-----Arochlor-1254	140000.	U
11096-82-5-----Arochlor-1260	24000.	U

FORM I PEST

1/87 Rev.

LF-2.8-2(4-5.6')

Lab Name: AES, INC.

Contract:

Lab Code: AES Case No.: 09611

SAS No.:

SDG No.: LF-1.5-3(6-7.9')

Matrix: (soil/water) SOIL

Lab Sample ID: LF-2.8-2(4-5.6')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960523 G05

Level: (low/med) LOW

Date Received: 5/23/96

% Moisture: not dec. 13. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/23/96

GPC Cleanup: (Y/N) N pH: 8.8

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

1/87 Rev.

1D
PCB ORGANICS ANALYSIS DATA SHEET

APP. SAMPLE NO.

LF-3.3-3(8-9.6')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF-1.5-3(6-7.9')

Matrix: (soil/water) SOIL

Lab Sample ID: LF-3.3-3(8-9.6')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960523 601

Level: (low/med) LOW

Date Received: 5/23/96

% Moisture: not dec. 11. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/23/96

GPC Cleanup: (Y/N) N

pH: 8.7

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	720.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1600.	
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

1/87 Rev.

Lab Name: AES, INC.

Contract:

X-1
(Dup of LF-3)

Lab Code: AES Case No.: 09611 SAS No.: SDG No.: LF-1, S-3(6-7.9')

Matrix: (soil/water) SOIL

Lab Sample ID: X-1

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960523 G06

Level: (low/med) LOW

Date Received: 5/23/96

% Moisture: not dec. 10. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/23/96

GPC Cleanup: (Y/N) N pH: 9.1

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	370.	J
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	670.	J
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

1/87 Rev.

LF-4.6-2(4-5.9')

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF-1.6-3(6-7.9')

Matrix: (soil/water) SOIL

Lab Sample ID: LF-4.6-2(4-5.9')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960523 G03

Level: (low/med) LOW

Date Received: 5/23/96

% Moisture: not dec. 13. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/23/96

GPC Cleanup: (Y/N) N

pH: 8.2

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	43.	J
11096-82-5-----	Arochlor-1260	1100.	U

FORM I PEST

1/87 Rev.

APPENDIX J-6

**Soil Analytical Laboratory Data
May 22, 1996**

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB79S1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: SB79S1

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1251

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 12.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Q

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	6.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	6.	U
75-15-0-----	Carbon Disulfide	6.	U
75-35-4-----	1,1-Dichloroethene	6.	U
75-34-3-----	1,1-Dichloroethane	6.	U
156-60-5-----	1,2-Dichloroethene-trans	6.	U
594-20-7-----	2,2-Dichloropropane	6.	U
156-59-2-----	1,2-Dichloroethene-cis	6.	U
74-97-5-----	Bromochloromethane	6.	U
67-66-3-----	Chloroform	6.	U
563-58-6-----	1,1-Dichloro-1-propene	6.	U
107-06-2-----	1,2-Dichloroethane	6.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	6.	U
56-23-5-----	Carbon Tetrachloride	6.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	6.	U
78-87-5-----	1,2-Dichloropropane	6.	U
10061-01-5-----	cis-1,3-Dichloropropene	6.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	6.	U
79-01-6-----	Trichloroethene	13.	U
124-48-1-----	Dibromochloromethane	6.	U
79-00-5-----	1,1,2-Trichloroethane	6.	U
71-43-2-----	Benzene	6.	U
10061-02-6-----	trans-1,3-Dichloropropene	6.	U
142-28-9-----	1,3-Dichloropropane	6.	U
75-25-2-----	Bromoform	6.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

020

165
5/2/96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB79S1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: SB79S1

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1251

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 12.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
			Q
127-18-4	Tetrachloroethene	6.	U
79-34-5	1,1,2,2-Tetrachloroethane	6.	U
106-93-4	Ethylene Dibromide (EDB)	6.	U
108-88-3	Toluene	6.	U
108-90-7	Chlorobenzene	6.	U
630-20-6	1,1,1,2-tetrachloroethane	6.	U
100-41-4	Ethylbenzene	6.	U
100-42-5	Styrene	6.	U
1330-20-7	Xylenes (total)	6.	U
98-82-8	Isopropylbenzene	6.	U
103-65-1	n-Propylbenzene	6.	U
108-86-1	Bromobenzene	6.	U
108-67-8	1,3,5-Trimethylbenzene	6.	U
95-49-8	2-Chlorotoluene	6.	U
106-43-4	4-Chlorotoluene	6.	U
98-06-6	tert-Butylbenzene	6.	U
95-63-6	1,2,4-Trimethylbenzene	6.	U
135-98-8	sec-Butylbenzene	6.	U
99-87-6	p-Cymene	6.	U
104-51-8	n-Butylbenzene	6.	U
96-12-8	1,2-dibromo-3-chloro-Propane	6.	U
120-82-1	1,2,4-Trichlorobenzene	6.	U
87-68-3	Hexachlorobutadiene	6.	U
91-20-3	Naphthalene	6.	U
87-61-6	1,2,3-Trichlorobenzene	6.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB79S1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: SB79S1

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1251

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 12.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB79S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: SB79S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1252

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 8.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

75-71-8-----	Dichlorodifluoromethane	11.	U
74-87-3-----	Chloromethane	11.	U
74-83-9-----	Bromomethane	11.	U
75-01-4-----	Vinyl Chloride	11.	U
75-00-3-----	Chloroethane	11.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	11.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	11.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	11.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	11.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	11.	U
108-10-1-----	4-Methyl-2-Pentanone	11.	U

023

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB79S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: SB79S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1252

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 8.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB79S2

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) SOIL

Lab Sample ID: SB79S2

Sample wt/vol: 5.000 (g/mL) G

Lab File ID: C1252

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. 8.

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQB-1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) WATER

Lab Sample ID: EQB-1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1265

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. _____

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

75-71-8-----	Dichlorodifluoromethane	10.	U
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	10.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EQB-1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) WATER

Lab Sample ID: EQB-1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1265

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. _____

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

EQB-1

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) WATER

Lab Sample ID: EQB-1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1265

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. _____

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) WATER

Lab Sample ID: TB

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1266

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. _____

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

75-71-8-----	Dichlorodifluoromethane	10.	U
74-87-3-----	Chloromethane	10.	U
74-83-9-----	Bromomethane	10.	U
75-01-4-----	Vinyl Chloride	10.	U
75-00-3-----	Chloroethane	10.	U
75-09-2-----	Methylene Chloride	5.	U
67-64-1-----	Acetone	10.	U
75-69-4-----	Trichlorofluoromethane	5.	U
75-15-0-----	Carbon Disulfide	5.	U
75-35-4-----	1,1-Dichloroethene	5.	U
75-34-3-----	1,1-Dichloroethane	5.	U
156-60-5-----	1,2-Dichloroethene-trans	5.	U
594-20-7-----	2,2-Dichloropropane	5.	U
156-59-2-----	1,2-Dichloroethene-cis	5.	U
74-97-5-----	Bromochloromethane	5.	U
67-66-3-----	Chloroform	5.	U
563-58-6-----	1,1-Dichloro-1-propene	5.	U
107-06-2-----	1,2-Dichloroethane	5.	U
78-93-3-----	2-Butanone	10.	U
71-55-6-----	1,1,1-Trichloroethane	5.	U
56-23-5-----	Carbon Tetrachloride	5.	U
108-05-4-----	Vinyl Acetate	10.	U
75-27-4-----	Bromodichloromethane	5.	U
78-87-5-----	1,2-Dichloropropane	5.	U
10061-01-5-----	cis-1,3-Dichloropropene	5.	U
96-18-4-----	1,2,3-Trichloropropane	10.	U
74-95-3-----	Dibromomethane	5.	U
79-01-6-----	Trichloroethene	5.	U
124-48-1-----	Dibromochloromethane	5.	U
79-00-5-----	1,1,2-Trichloroethane	5.	U
71-43-2-----	Benzene	5.	U
10061-02-6-----	trans-1,3-Dichloropropene	5.	U
142-28-9-----	1,3-Dichloropropane	5.	U
75-25-2-----	Bromoform	5.	U
591-78-6-----	2-Hexanone	10.	U
108-10-1-----	4-Methyl-2-Pentanone	10.	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) WATER

Lab Sample ID: TB

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1266

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. _____

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

127-18-4-----	Tetrachloroethene	5.	U
79-34-5-----	1,1,2,2-Tetrachloroethane	5.	U
106-93-4-----	Ethylene Dibromide (EDB)	5.	U
108-88-3-----	Toluene	5.	U
108-90-7-----	Chlorobenzene	5.	U
630-20-6-----	1,1,1,2-tetrachloroethane	5.	U
100-41-4-----	Ethylbenzene	5.	U
100-42-5-----	Styrene	5.	U
1330-20-7-----	Xylenes (total)	5.	U
98-82-8-----	Isopropylbenzene	5.	U
103-65-1-----	n-Propylbenzene	5.	U
108-86-1-----	Bromobenzene	5.	U
108-67-8-----	1,3,5-Trimethylbenzene	5.	U
95-49-8-----	2-Chlorotoluene	5.	U
106-43-4-----	4-Chlorotoluene	5.	U
98-06-6-----	tert-Butylbenzene	5.	U
95-63-6-----	1,2,4-Trimethylbenzene	5.	U
135-98-8-----	sec-Butylbenzene	5.	U
99-87-6-----	p-Cymene	5.	U
104-51-8-----	n-Butylbenzene	5.	U
96-12-8-----	1,2-dibromo-3-chloro-Propane	5.	U
120-82-1-----	1,2,4-Trichlorobenzene	5.	U
87-68-3-----	Hexachlorobutadiene	5.	U
91-20-3-----	Naphthalene	5.	U
87-61-6-----	1,2,3-Trichlorobenzene	5.	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB

Lab Name: AES, Inc.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF1S36

Matrix: (soil/water) WATER

Lab Sample ID: TB

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: C1266

Level: (low/med) LOW

Date Received: 05/23/96

% Moisture: not dec. _____

Date Analyzed: 05/30/96

GC Column: RTX502.2 ID: .32 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1. _____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____
16. _____	_____	_____	_____	_____
17. _____	_____	_____	_____	_____
18. _____	_____	_____	_____	_____
19. _____	_____	_____	_____	_____
20. _____	_____	_____	_____	_____
21. _____	_____	_____	_____	_____
22. _____	_____	_____	_____	_____
23. _____	_____	_____	_____	_____
24. _____	_____	_____	_____	_____
25. _____	_____	_____	_____	_____
26. _____	_____	_____	_____	_____
27. _____	_____	_____	_____	_____
28. _____	_____	_____	_____	_____
29. _____	_____	_____	_____	_____
30. _____	_____	_____	_____	_____

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF-1.S-3(6-7.9')

Matrix: (soil/water) SOIL

Lab Sample ID: SB-79.S-1(1-9')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960523 W01

Level: (low/med) LOW

Date Received: 5/23/96

% Moisture: not dec. 8. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/24/96

GPC Cleanup: (Y/N) N

pH: 7.3

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1100.	U
11104-28-2-----	Arochlor-1221	1100.	U
11141-16-5-----	Arochlor-1232	1100.	U
53469-21-9-----	Arochlor-1242	1100.	U
12672-29-6-----	Arochlor-1248	1100.	U
11097-69-1-----	Arochlor-1254	1100.	U
11096-82-5-----	Arochlor-1260	1100.	U

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1D
PCB ORGANICS ANALYSIS DATA SHEET

EPA OFFICE NO.

Lab Name: AES, INC.

Contract:

SB-79.S-2(12-22')

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF-1,S-3(6-7.9')

Matrix: (soil/water) SOIL

Lab Sample ID: SB-79,S-2(12-22')

Sample wt/vol: 10.0 (g/mL) G

Lab File ID: 960523 W02

Level: (low/med) LOW

Date Received: 5/23/96

% Moisture: not dec. 17. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 5/24/96

GPC Cleanup: (Y/N) N

pH: 7.2

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/KG	Q
12674-11-2-----	Arochlor-1016	1200.	U
11104-28-2-----	Arochlor-1221	1200.	U
11141-16-5-----	Arochlor-1232	1200.	U
53469-21-9-----	Arochlor-1242	1200.	U
12672-29-6-----	Arochlor-1248	1200.	U
11097-69-1-----	Arochlor-1254	1200.	U
11096-82-5-----	Arochlor-1260	1200.	U

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EQB-1

Lab Name: AES, INC.

Contract:

Lab Code: AES

Case No.: 09611

SAS No.:

SDG No.: LF-1.8-3(8-7.9')

Matrix: (soil/water) WATER

Lab Sample ID: EQB-1

Sample wt/vol: 900.0 (g/mL) ML

Lab File ID: 960523 602

Level: (low/med) LOW

Date Received: 5/23/96

% Moisture: not dec. 100. dec. _____

Date Extracted: 5/23/96

Extraction: (SepF/Cont/Sonc) LLP

Date Analyzed: 5/23/96

GPC Cleanup: (Y/N) N pH: 5.0

Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) UG/L	Q
12674-11-2-----	Arochlor-1016	.065	U
11104-28-2-----	Arochlor-1221	.16	U
11141-16-5-----	Arochlor-1232	.065	U
53469-21-9-----	Arochlor-1242	.065	U
12672-29-6-----	Arochlor-1248	.065	U
11097-69-1-----	Arochlor-1254	.065	U
11096-82-5-----	Arochlor-1260	.065	U

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