MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

VOLUME III OF IV

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

OCTOBER 1994

BLASLAND, BOUCK & LEE, INC.
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SYRACUSE, NEW YORK 13214

Appendices

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY FOR EAST STREET AREA 1/USEPA AREA 3

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG13B1416

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 2765

Matrix: (soil/water) SOIL Lab Sample ID: 422976

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GH022976C13

Level: (low/med) LOW Date Received: 05/31/91

% Moisture: not dec. 14 Date Analyzed: 06/06/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	45	B
67-64-1	Acetone	17	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	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
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
110-75-8	2-Chloroethylvinylether	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	12	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	Total Xylenes	6	U
74-88-4	Iodomethane	12	U

107-02-8	Acrolein	100	U
107-13-1	Acrylonitrile	140	U
75-69-4	Trichlorofluoromethane	6	U
107-05-1	3-Chloropropene	17	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluo	12	U
354-58-5	1,1,1-Trichloro-2,2,2-trifluo	12	U
74-95-3	Dibromomethane	12	U
4170-30-3	Crotonaldehyde	120	U
106-93-4	1,2-Dibromoethane	6	U
630-20-6	1,1,1,2-Tetrachloroethane	6	U
764-71-0	cis-1,4-Dichloro-2-butene	17	U
96-18-4	1,2,3-Trichloropropane	17	U
764-71-0	trans-1,4-Dichloro-2-butene	17	U
96-18-4	Ethylmethacrylate	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U

122976

22255 2765 SAMPLE DATA SUMMARY

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P101B0406

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 47

Matrix: (soil/water) SOIL Lab Sample ID: 395544

Sample wt/vol: 5.0 (g/mL) G Lab File ID: GR095544C12

Level: (low/med) LOW Date Received: 01/25/91

% Moisture: not dec. 12 Date Analyzed: 01/31/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	6	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	58	B
67-64-1	Acetone	14	B
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	2	J
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
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
110-75-8	2-Chloroethylvinylether	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	17	U
591-78-6	2-Hexanone	17	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	11	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	Total Xylenes	6	U
74-88-4	Iodomethane	11	U

22255 47 SAMPLE DATA SUMMARY

107-02-8	Acrolein	100 U
107-13-1	Acrylonitrile	140 U
75-69-4	Trichlorofluoromethane	6 U
107-05-1	3-Chloropropene	17 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluo	1 J
354-58-5	1,1,1-Trichloro-2,2,2-trifluo	11 U
74-95-3	Dibromomethane	11 U
4170-30-3	Crotonaldehyde	110 U
106-93-4	1,2-Dibromoethane	6 U
630-20-6	1,1,1,2-Tetrachloroethane	6 U
764-71-0	cis-1,4-Dichloro-2-butene	17 U
96-18-4	1,2,3-Trichloropropane	17 U
764-71-0	trans-1,4-Dichloro-2-butene	17 U
96-18-4	Ethylmethacrylate	11 U
96-12-8	1,2-Dibromo-3-chloropropane	11 U

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APPENDIX J, SECTION 2

SEMIVOLATILE ORGANICS ANALYSIS (SOIL)

PG13B1416 - Soil sample from Soil Boring RF-13 at 14-16 feet.

P101B0406 - Soil sample from Soil Boring converted to Groundwater Monitoring Well ES1-1 at 4-6 feet.

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG13B1416

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 2731

Matrix: (soil/water) SOIL Lab Sample ID: 422986

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GH022986A22

Level: (low/med) LOW Date Received: 05/31/91

% Moisture: not dec. 13 dec. _____ Date Extracted: 06/02/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/11/91

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
62-75-9	N-Nitrosodimethylamine	380	U
110-86-1	Pyridine	380	U
97-63-2	Ethyl methacrylate	380	U
123-63-7	Paraldehyde	380	U
109-06-8	2-Picoline	750	U
10595-95-6	Nitrosomethylethylamine	380	U
66-27-3	Methyl methanesulfonate	380	U
108-95-2	Phenol	380	U
55-18-5	N-Nitrosodiethylamine	380	U
62-50-0	Ethyl methanesulfonate	380	U
62-53-3	Aniline	380	U
76-01-7	Pentachloroethane	380	U
111-44-4	bis(2-Chloroethyl)Ether	750	U
95-57-8	2-Chlorophenol	380	U
541-73-1	1,3-Dichlorobenzene	380	U
100-44-7	Benzyl chloride	380	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl Alcohol	380	U
95-50-1	1,2-Dichlorobenzene	380	U
95-48-7	2-Methylphenol	380	U
39638-32-9	bis(2-Chloroisopropyl)Ether	380	U
108-39-4	3-Methylphenol	380	U
106-44-5	4-Methylphenol	380	U
930-55-2	N-Nitrosopyrrolidine	380	U
59-89-2	N-Nitrosomorpholine	380	U
98-86-2	Acetophenone	380	U
621-64-7	N-Nitroso-Di-n-Propylamine	380	U
636-21-5	o-Toluidine hydrochloride	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
100-75-4	N-Nitrosopiperidine	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U

108-70-3	1,3,5-Trichlorobenzene	380	U
98-87-3	Benzal chloride	380	U
65-85-0	Benzoic Acid	3800	U
111-91-1	bis(2-Chloroethoxy)Methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
120-82-1	1,2,4-Trichlorobenzene	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-65-0	2,6-Dichlorophenol	750	U
95-54-5	o-Phenylenediamine	380	U
122-09-8	dimethylphenylethylamine	380	U
1888-71-7	Hexachloropropene	380	U
87-68-3	Hexachlorobutadiene	380	U
87-61-6	1,2,3-Trichlorobenzene	380	U
98-07-7	Benzotrichloride	750	U
924-16-3	N-Nitroso-di-n-butylamine	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
106-50-3	P-Phenylenediamine	380	U
94-59-7	Safrole	380	U
106-50-3	m-Phenylenediamine	380	U
91-57-6	2-Methylnaphthalene	380	U
90-12-0	1-Methylnaphthalene	380	U
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U
634-90-2	1,2,3,5-Tetrachlorobenzene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	750	U
95-95-4	2,4,5-Trichlorophenol	750	U
120-58-1	Isosafrole	750	U
91-58-7	2-Chloronaphthalene	380	U
90-13-1	1-Chloronaphthalene	380	U
634-66-2	1,2,3,4-Tetrachlorobenzene	380	U
88-74-4	2-Nitroaniline	380	U
130-15-4	1,4-Naphthoquinone	750	U
100-25-4	1,4-Dinitrobenzene	750	U
131-11-3	Dimethyl Phthalate	380	U
208-96-8	Acenaphthylene	380	U

422986

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG13B1416

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 2731

Matrix: (soil/water) SOIL Lab Sample ID: 422986

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GH022986A22

Level: (low/med) LOW Date Received: 05/31/91

% Moisture: not dec. 13 dec. _____ Date Extracted: 06/02/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 06/11/91

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
99-09-2	3-Nitroaniline	750	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	380	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
608-93-5	Pentachlorobenzene	380	U
91-59-8	2-Naphthylamine	750	U
606-20-2	2,6-Dinitrotoluene	380	U
134-32-7	1-Naphthylamine	750	U
58-90-2	2,3,4,6-Tetrachlorophenol	750	U
84-66-2	Diethylphthalate	380	U
297-97-2	Zinophos	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	750	U
99-55-8	5-Nitro-o-toluidine	750	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
122-39-4	Diphenylamine	380	U
99-35-4	1,3,5-Trinitrobenzene	750	U
122-66-7	1,2-Diphenylhydrazine	380	U
62-44-2	Phenacetin	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
2303-16-4	Diallate	380	U
60-51-5	Dimethoate	380	U
118-74-1	Hexachlorobenzene	380	U
92-67-1	4-Aminobiphenyl	380	U
23950-58-5	Pronamide	380	U
87-86-5	Pentachlorophenol	750	U
82-68-8	Pentachloronitrobenzene	380	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
84-74-2	Di-n-Butylphthalate	380	U

(1) - Cannot be separated from Diphenylamine

91-80-5	Methapyrilene	750 U
50-18-0	Cyclophosphamide	1800 U
206-44-0	Fluoranthene	380 U
92-87-5	Benzidine	380 U
129-00-0	Pyrene	380 U
60-11-7	p-Dimethylaminoazobenzene	380 U
510-15-6	Chlorobenzilate	380 U
119-93-7	3,3'-Dimethylbenzidine	750 U
85-68-7	Butylbenzylphthalate	380 U
53-96-3	2-Acetylaminofluorene	380 U
101-14-4	Methylene-bis(2-chloroaniline	380 U
91-94-1	3,3'-Dichlorobenzidine	380 U
106-51-4	3,3'-Dimethoxybenzidine	380 U
56-55-3	Benzo(a)Anthracene	380 U
218-01-9	Chrysene	380 U
117-81-7	bis(2-Ethylhexyl)Phthalate	150 BJ
117-84-0	Di-n-Octyl Phthalate	380 U
205-99-2	Benzo(b)Fluoranthene	380 U
57-97-6	7,12-Dimethylbenzanthracene	380 U
207-08-9	Benzo(k)Fluoranthene	380 U
50-32-8	Benzo(a)Pyrene	380 U
56-49-5	3-Methylcholanthrene	380 U
224-42-0	Dibenzo(a,j)acridine	380 U
193-39-5	Indeno(1,2,3-cd)Pyrene	380 U
53-70-3	Dibenz(a,h)Anthracene	380 U
191-24-2	Benzo(g,h,i)Perylene	380 U

(1) - Cannot be separated from Diphenylamine

422986

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P101B0406

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 15

Matrix: (soil/water) SOIL Lab Sample ID: 395545

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GJ095545B22

Level: (low/med) LOW Date Received: 01/25/91

% Moisture: not dec. 12 dec. _____ Date Extracted: 01/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/01/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	750	U
83-32-9	Acenaphthene	670	
51-28-5	2,4-Dinitrophenol	1500	U
100-02-7	4-Nitrophenol	370	U
132-64-9	Dibenzofuran	560	
121-14-2	2,4-Dinitrotoluene	370	U
608-93-5	Pentachlorobenzene	370	U
134-32-7	2-Naphthylamine	750	U
606-20-2	2,6-Dinitrotoluene	370	U
134-32-7	1-Naphthylamine	750	U
58-90-2	2,3,4,6-Tetrachlorophenol	750	U
84-66-2	Diethylphthalate	370	U
297-97-2	Zinophos	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	920	
100-01-6	4-Nitroaniline	750	U
99-55-8	5-Nitro-o-toluidine	750	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
122-39-4	Diphenylamine	370	U
99-35-4	1,3,5-Trinitrobenzene	750	U
122-66-7	1,2-Diphenylhydrazine	370	U
62-44-2	Phenacetin	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
2303-16-4	Diallate	370	U
60-51-5	Dimethoate	370	U
118-74-1	Hexachlorobenzene	370	U
92-67-1	4-Aminobiphenyl	370	U
23950-58-5	Pronamide	370	U
87-86-5	Pentachlorophenol	750	U
82-68-8	Pentachloronitrobenzene	370	U
85-01-8	Phenanthrene	3100	
120-12-7	Anthracene	850	
84-74-2	Di-n-Butylphthalate	370	U

(1) - Cannot be separated from Diphenylamine

22255 15 SAMPLES DATA SUMMARY

108-70-3--------1,3,5-Trichlorobenzene	370	U
98-87-3---------Benzal chloride	370	U
65-85-0---------Benzoic Acid	3700	U
111-91-1--------bis(2-Chloroethoxy)Methane	370	U
120-83-2--------2,4-Dichlorophenol	370	U
120-82-1--------1,2,4-Trichlorobenzene	370	U
91-20-3---------Naphthalene	220	J
106-47-8--------4-Chloroaniline	370	U
87-65-0---------2,6-Dichlorophenol	750	U
95-54-5---------o-Phenylenediamine	370	U
122-09-8--------dimethylphenylethylamine	370	U
1888-71-7-------Hexachloropropene	370	U
87-68-3---------Hexachlorobutadiene	370	U
87-61-6---------1,2,3-Trichlorobenzene	370	U
98-07-7---------Benzotrichloride	750	U
924-16-3--------N-Nitroso-di-n-butylamine	370	U
59-50-7---------4-Chloro-3-Methylphenol	370	U
106-50-3--------P-Phenylenediamine	370	U
94-59-7---------Safrole	370	U
106-50-3--------m-Phenylenediamine	370	U
91-57-6---------2-Methylnaphthalene	190	J
90-12-0---------1-Methylnaphthalene	220	J
95-94-3---------1,2,4,5-Tetrachlorobenzene	370	U
634-90-2--------1,2,3,5-Tetrachlorobenzene	370	U
77-47-4---------Hexachlorocyclopentadiene	370	U
88-06-2---------2,4,6-Trichlorophenol	750	U
95-95-4---------2,4,5-Trichlorophenol	750	U
120-58-1--------Isosafrole	750	U
91-58-7---------2-Chloronaphthalene	370	U
90-13-1---------1-Chloronaphthalene	370	U
634-66-2--------1,2,3,4-Tetrachlorobenzene	370	U
88-74-4---------2-Nitroaniline	370	U
130-15-4--------1,4-Naphthoquinone	750	U
100-25-4--------1,4-Dinitrobenzene	750	U
131-11-3--------Dimethyl Phthalate	370	U
208-96-8--------Acenaphthylene	130	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P101B0406

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 15

Matrix: (soil/water) SOIL Lab Sample ID: 195545

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GJ095545B22

Level: (low/med) LOW Date Received: 01/25/91

% Moisture: not dec. 12 dec. _____ Date Extracted: 01/26/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/01/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
62-75-9	N-Nitrosodimethylamine	370	U
110-86-1	Pyridine	370	U
97-63-2	Ethyl methacrylate	370	U
123-63-7	Paraldehyde	370	U
109-06-8	2-Picoline	750	U
10595-95-6	Nitrosomethylethylamine	370	U
66-27-3	Methyl methanesulfonate	370	U
108-95-2	Phenol	370	U
55-18-5	N-Nitrosodiethylamine	370	U
62-50-5	Ethyl methanesulfonate	370	U
62-53-3	Aniline	370	U
76-01-7	Pentachloroethane	370	U
111-44-4	bis(2-Chloroethyl)Ether	750	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
100-44-7	Benzyl chloride	370	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl Alcohol	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
39638-32-9	bis(2-Chloroisopropyl)Ether	370	U
108-39-4	3-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
930-55-2	N-Nitrosopyrrolidine	370	U
59-89-2	N-Nitrosomorpholine	370	U
98-86-2	Acetophenone	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
636-21-5	o-Toluidine hydrochloride	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
100-75-4	N-Nitrosopiperidine	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U

(1) - Cannot be separated from Diphenylamine

22255 15 SAMPLES DATA SUMMARY

91-80-5---------Methapyrilene	750	U
50-18-0---------Cyclophosphamide	1800	U
206-44-0---------Fluoranthene	2300	
92-87-5---------Benzidine	370	U
129-00-0---------Pyrene	1400	
60-11-7---------p-Dimethylaminoazobenzene	370	U
510-15-6---------Chlorobenzilate	370	U
119-93-7---------3,3'-Dimethylbenzidine	750	U
85-68-7---------Butylbenzylphthalate	370	U
53-96-3---------2-Acetylaminofluorene	370	U
101-14-4---------Methylene-bis(2-chloroaniline	370	U
91-94-1---------3,3'-Dichlorobenzidine	370	U
106-51-4---------3,3'-Dimethoxybenzidine	370	U
56-55-3---------Benzo(a)Anthracene	790	
218-01-9---------Chrysene	740	
117-81-7---------bis(2-Ethylhexyl)Phthalate	38	J
117-84-0---------Di-n-Octyl Phthalate	370	U
205-99-2---------Benzo(b)Fluoranthene	920	
57-97-6---------7,12-Dimethylbenzanthracene	370	U
207-08-9---------Benzo(k)Fluoranthene	180	J
50-32-8---------Benzo(a)Pyrene	540	
56-49-5---------3-Methylcholanthrene	370	U
224-42-0---------Dibenzo(a,j)acridine	370	U
193-39-5---------Indeno(1,2,3-cd)Pyrene	320	J
53-70-3---------Dibenz(a,h)Anthracene	100	J
191-24-2---------Benzo(g,h,i)Perylene	330	J

(1) - Cannot be separated from Diphenylamine

CCN 395545

22255 15 SAMPLES DATA SUMMARY

APPENDIX J, SECTION 3

PESTICIDES/PCB ANALYSIS (SOIL)

PG13B1416 - Soil sample from Soil Boring RF-13 at 14-16 feet.

COMPUCHEM LABORATORIES, INC. P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

COMPOUND LIST

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

SAMPLE IDENTIFIER: PG13B1416
COMPUCHEM SAMPLE NUMBER: 422993
DRY WEIGHT FACTOR: 1.16

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P. 4,4'-DDD	BDL	4
2P. 4,4'-DDE	BDL	4
3P. 4,4'-DDT	BDL	4
4P. ALDRIN	BDL	1.1
5P. CHLORDANE	BDL	4.6
6P. DIELDRIN	BDL	1.7
7P. ENDOSULFAN I	BDL	1.7
8P. ENDOSULFAN II	BDL	4
9P. ENDOSULFAN SULFATE	BDL	2.3
10P. ENDRIN	BDL	2.9
11P. ENDRIN ALDEHYDE	BDL	1.1
12P. HEPTACHLOR	BDL	1.1
13P. HEPTACHLOR EPOXIDE	BDL	1.1
14P. KEPONE	BDL	1.1
15P. p,p'-METHOXYCHLOR	BDL	4
16P. PCB-1016	BDL	23
17P. PCB-1221	BDL	23
18P. PCB-1232	BDL	23
19P. PCB-1242	BDL	23
20P. PCB-1248	BDL	23
21P. PCB-1254	100	23
22P. PCB-1260	BDL	23
23P. TOXAPHENE	BDL	23
24P. ALPHA-BHC	BDL	1.1
25P. BETA-BHC	BDL	1.1
26P. DELTA-BHC	BDL	1.1
27P. GAMMA-BHC (Lindane)	BDL	1.1

BDL= BELOW DETECTION LIMIT

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

(Continued)

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COMPOUND LIST

APPENDIX VIII, IX - PESTICIDES, METHOD 8080
RESULTS REPORTED ON DRY WEIGHT BASIS
(Page 2)

SAMPLE IDENTIFIER: PG13B1416
COMPUCHEM SAMPLE NUMBER: 422993
DRY WEIGHT FACTOR: 1.16

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	88	(20-150)*

*Advisory surrogate; with the exception of dilutions recovery below 10% requires an action step (re-extraction and reanalysis). See Quality Assurance Notice.

APPENDIX J, SECTION 4

PCB ANALYSIS (SOIL)

P101B0024 - Soil samples from Soil Boring converted to Groundwater Monitoring Well ES1-1 at 8-24 feet (2-foot intervals).

DP-1 - Soil sample from Soil Boring converted to Groundwater Monitoring Well ES1-1 at 10-12 feet (Duplicate).

P102B0030 - Soil samples from Soil Boring converted to Groundwater Monitoring Well ES1-2 at 0-30 feet (2-foot intervals).

P103B0030 - Soil samples from Soil Boring converted to Groundwater Monitoring Well ES1-3 at 0-30 feet (2-foot intervals).

DP-2 - Soil sample from Soil Boring converted to Groundwater Monitoring Well ES1-3 at 18-20 feet (Duplicate).

PG13B0020 - Soil samples from Soil Boring RF-13 at 0-20 feet (2-foot intervals).

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 5, 1991

Client Project ID: AY05202/GE-Facility Job Number: GECP 47623

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P101B0002	PP6431	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 02/04/91
Date of Analysis: 02/14 and 02/15/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 5, 1991

lent Project ID: AY05202/GE-Facility Job Number: GECP 47623

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P101B0204	PP6434	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 02/04/91
Date of Analysis: 02/14 and 02/15/91

462-1-09

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 5, 1991

Client Project ID: AY05202/GE-Facility Job Number: GECP 47623

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P10180406	PP6435	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 02/04/91
Date of Analysis: 02/14 and 02/15/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 5, 1991

Client Project ID: AY05202/GE-Facility Job Number: GECP 47623

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P101B0608	PP6436	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 02/04/91
Date of Analysis: 02/14 and 02/15/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
February 22, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47645

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P102B2628	PP6630	0.05 U	0.05 U	0.05 U	0.05 U
P102B2830	PP6631	0.05 U	0.05 U	0.05 U	0.05 U
DP-1	PP6632	0.05 U	0.05 U	0.05 U	0.05 U
P101B0810	PP6633	0.05 U	0.05 U	0.05 U	0.05 U
P101B1012	PP6634	0.05 U	0.05 U	0.05 U	0.05 U
P101B1214	PP6635	0.05 U	0.05 U	0.05 U	0.05 U
P101B1416	PP6636	0.05 U	0.05 U	0.05 U	0.05 U
P101B1618	PP6637	0.05 U	0.05 U	0.05 U	0.05 U
P101B1820	PP6638	0.05 U	0.05 U	0.05 U	0.05 U
P101B2022	PP6639	0.05 U	0.05 U	0.05 U	0.05 U
P101B2224	PP6640	0.05 U	0.05 U	0.17	0.17
Method Blank 1	BLA2361	0.05 U	0.05 U	0.05 U	0.05 U
Method Blank 2	BLA2362	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 01/31/91
Date of Analysis: 02/07 to 02/12/91

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P102B0002	PP6615	0.05 U	0.12 U	2.9	2.9
P102B0204	PP6616	0.05 U	0.23 U	8.5	8.5
P102B0406	PP6617	0.05 U	1.0	0.86	1.9
P102B0608	PP6618	0.05 U	0.41	0.85	1.3
P102B0810	PP6619	0.05 U	0.68	0.10 U	0.68
P102B1012	PP6620	0.05 U	0.05 U	0.05 U	0.05 U
P102B1214	PP6621	0.05 U	0.05 U	1.6	1.6
P102B1416	PP6622	0.38 U	4.8	0.73 U	4.8
P102B1618	PP6623	0.05 U	0.05 U	0.05 U	0.05 U
P102B1820	PP6624	0.05 U	0.05 U	0.05 U	0.05 U
P102B2022	PP6625	0.05 U	0.05 U	0.05 U	0.05 U
P102B2224	PP6626	0.05 U	0.11	0.05 U	0.11
P102B2426	PP6627	0.05 U	0.05 U	0.31	0.31

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

Date of Extraction: 01/31/91
Date of Analysis: 02/07 to 02/12/91

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID: P102B2426
Lab Sample ID: PP6627

Compound	Conc. Spike Added	Sample Result	Conc. MS	% Rec.	Conc. MSD	% Rec.	RPD
Aroclor 1254	1.1	0.05 U	1.1	100	1.2	110	9.5

RPD = Relative Percent Difference

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

Date of Analysis: 02/11/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B0002	PP6691	0.05 U	0.22	0.19	0.41

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B0204	PP6692	0.17 *	1.9	1.3	3.4

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
* - Sample exhibits alteration of standard Aroclor pattern.

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B0406	PP6693	0.48 *	3.6	0.95	5.0

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
* - Sample exhibits alteration of standard Aroclor pattern.

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B0608	PP6696	15 *	65	7.8 U	80

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P10380810	PP6697	0.19 *	1.2	0.85	2.2

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
* - Sample exhibits alteration of standard Aroclor pattern.

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B1012	PP6698	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P10381214	PP6699	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B1416	PP6700	0.08 *	0.48	0.08 U	0.56

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B1618	PP6701	0.05 U	0.05 U	1.7	1.7

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B1820	PP6702	0.31 *	1.4	0.74	2.4

† - Sample Aroclor pattern identified and/or calculated as Aroclor 1242.
* - Sample exhibits alteration of standard Aroclor pattern.

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B2022	PP6703	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B2224	PP6704	0.05 U	0.11	0.05 U	0.11

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B2426	PP6705	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P10382628	PP6706	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
P103B2830	PP6707	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
March 11, 1991

Client Project ID: AY05202/GE-Facility

Job Number: GECP 47654

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
DP-2	PP6708	0.05 U	0.05 U	0.17	0.17

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

Date of Extraction: 02/07/91
Date of Analysis: 02/14 to 02/19/91

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

General Electric Company
'uly 22, 1991

'ient Project ID: AY05602/GE-Facility

Job Number: GECP 48608

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
PG13B0002	BB7059	2.0 U	110	94	200

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

Date of Extraction: 06/04/91
Date of Analysis: 06/06 to 06/28/91

General Electric Company
July 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECP 48608

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
PG1380204	BB7060	1.1 U	22 *	57 *	79

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

Date of Extraction: 06/04/91
Date of Analysis: 06/06 to 06/28/91

General Electric Company
July 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

lient Project ID: AY05602/GE-Facility

Job Number: GECP 48608

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
PG13B0406	BB7061	0.45 U	2.8	30	33

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

Date of Extraction: 06/04/91
Date of Analysis: 06/06 to 06/28/91

General Electric Company
July 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECP 48608

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
PG13B0608	BB7062	0.05 U	0.10	0.34	0.44

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

Date of Extraction: 06/04/91
Date of Analysis: 06/06 to 06/28/91

General Electric Company
July 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECP 48608

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
PG13B0810	BB7063	0.05 U	0.74 U	3.0	3.0

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

Date of Extraction: 06/04/91
Date of Analysis: 06/06 to 06/28/91

General Electric Company
July 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECP 48608

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
PG13B1012	BB7064	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 06/04/91
Date of Analysis: 06/06 to 06/28/91

General Electric Company
July 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

Client Project ID: AY05602/GE-Facility

Job Number: GECP 48608

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
PG13B1214	BB7065	0.21 U	2.2	14	16

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

Date of Extraction: 06/04/91
Date of Analysis: 06/06 to 06/28/91

General Electric Company
uly 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

ient Project ID: AY05602/GE-Facility

Job Number: GECP 48608

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
PG1381618	BB7066	0.05 U	0.05 U	0.05 U	0.05 U

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

Date of Extraction: 06/04/91
Date of Analysis: 06/06 to 06/28/91

General Electric Company
ily 22, 1991

IT ANALYTICAL SERVICES
5815 MIDDLEBROOK PIKE
KNOXVILLE, TN

ient Project ID: AY05602/GE-Facility

Job Number: GECP 48608

PCBs ANALYSIS

Results in mg/kg (ppm) dry weight

Sample Matrix: Soil

Client Sample ID	Lab Sample ID	Aroclor 1016, 1232, 1242† and/or 1248	Aroclor 1254	Aroclor 1260	Total Aroclors
PG13B1820	BB7067	0.05 U	0.08	0.05 U	0.08

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

Date of Extraction: 06/04/91
Date of Analysis: 06/06 to 06/28/91

APPENDIX J, SECTION 5

ORGANOPHOSPHORUS PESTICIDES (SOIL)

PG13B1316 - Soil sample from Soil Boring RF-13 at 14-16 feet.

COMPUCHEM LABORATORIES, INC. P.O. Box 12652 3308 Chapel Hill / Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

COMPOUND LIST
APPENDIX VIII, IX - ORGANOPHOSPHORUS PESTICIDES, METHOD 8140
RESULTS REPORTED ON DRY WEIGHT BASIS

SAMPLE IDENTIFIER: PG13B1416
COMPUCHEM SAMPLE NUMBER: 424062
DRY WEIGHT FACTOR: 1.16

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1P. TETRAETHYLDITHIOPYROPHOSPHATE(SULFOTEPP)	BDL	11
2P. PHORATE	BDL	11
3P. DIMETHOATE	BDL	11
4P. DISULFOTON	BDL	11
5P. METHYL PARATHION	BDL	11
6P. PARATHION	BDL	11

BDL=BELOW DETECTION LIMIT

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Methidathion	91	(60-120)*

*Advisory surrogate. See Quality Assurance Notice

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

APPENDIX J, SECTION 6

HERBICIDES ANALYSIS (SOIL)

PG13B1416 - Soil sample from Soil Boring RF-13 at 14-16 feet.

COMPUCHEM LABORATORIES, INC. P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

COMPOUND LIST
APPENDIX VIII, IX - HERBICIDES, METHOD 8150
RESULTS REPORTED ON DRY WEIGHT BASIS

SAMPLE IDENTIFIER: PG13B1416
COMPUCHEM SAMPLE NUMBER: 422988
DRY WEIGHT FACTOR: 1.16

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. 2,4-D	BDL	120
2. 2,4,5-TP (Silvex)	BDL	29
3. 2,4,5-T	BDL	29

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analyties. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	93	(16-124)*

BDL=BELOW DETECTION LIMIT

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

*Advisory surrogate; with the exception of dilitions recovery below 10% requires an action step (re-extraction and reanalysis). See Quality Assurance Notice.

APPENDIX J, SECTION 7

DIOXIN/FURAN ANALYSIS (SOIL)

PG13B1416 - Soil sample from Soil Boring RF-13 at 14-16 feet.

FORM 1 - QUA A..ON REPORT

DATE: 11/10/92

Ticket# CW-8173

LABORATORY: ChemWest

Project Name: General Electric Company

TOTAL ANALYTE QUANTITY FOUND

(ppb or ng/g)

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	2378 TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	2378 TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
PG13B1416 // 423005	8173-2	06/05/91	13:14	CW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.055	0.055	0.12	0.14	0.16	0.34	0.023	0.053	0.067	0.066	0.15	0.19

g = MAXIMUM POSSIBLE CONCENTRATION

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

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

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

Approved by: _____

DATE: 11/10/92

LABORATORY: ChemWest

Ticket# CW-8173

Project Name: General Electric Company

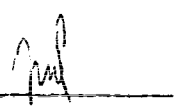
CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	ABSOLUTE % RECOVERY of INTERNAL STANDARDS *C-TCDD	*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF	*C-PeCDF	SURROGATE % ACCURACY *Cl-TCDD	*C-HxCDD	*C-HpCDF
PG13B1416 // 423005	8173-2	06/05/91	13:14	CW-6	67.6	81.9	85.0	71.0	44.8	65.2	83.4	91.8	89.1	122
Detection Limit														

INTERNAL STANDARDS

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

SURROGATES

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

Approved by: 

APPENDIX J, SECTION 8

METALS ANALYSIS (SOIL)

PG13B1416 - Soil sample from Soil Boring RF-13 at 14-16 feet.

U.S. EPA - SW-846

1

INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PG13B1416

Lab Name: COMPUCHEM LABORATORIES Contract: SW-846

Lab Code: COMPU Case No.: 50007 SAS No.: _____ SDG No.: 937217

Matrix (soil/water): SOIL Lab Sample ID: 422995

Level (low/med): LOW Date Received: 05/31/91

% Solids: 78.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5300			P
7440-36-0	Antimony	4.2	U	N	P
7440-38-2	Arsenic	3.8		N	F
7440-39-3	Barium	18.3	B		P
7440-41-7	Beryllium	.13	U		P
7440-43-9	Cadmium	.51	U		P
7440-70-2	Calcium	33100			P
7440-47-3	Chromium	5.9			P
7440-48-4	Cobalt	6.8			P
7440-50-8	Copper	13.7			P
7439-89-6	Iron	13900			P
7439-92-1	Lead	7.3		W	F
7439-95-4	Magnesium	16500			P
7439-96-5	Manganese	397			P
7439-97-6	Mercury	.13	U		CV
7440-02-0	Nickel	11.8			P
7440-09-7	Potassium	352	B		P
7782-49-2	Selenium	.51	U	WN	F
7440-22-4	Silver	.63	U	N	P
7440-23-5	Sodium	146	B		P
7440-28-0	Thallium	.38	U		F
7440-62-2	Vanadium	5.6	B		P
7440-66-6	Zinc	35.5			P
	Cyanide				NR

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: COLORLESS Clarity After: _____ Artifacts: _____

Comments:

FORM 1.04 - PAGE 1

APPENDIX J, SECTION 9

CYANIDE ANALYSIS (SOIL)

PG13B1416 - Soil sample from Soil Boring RF-13 at 14-16 feet.

COMPUCHEM LABORATORIES, INC.
P.O. Box 12652 3308 Chapel Hill/Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

COMPOUND LIST

RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: PG13B1416
COMPUCHEM SAMPLE NUMBER: 422998
DRY WEIGHT FACTOR: 1.16
PERCENT SOLID: 86.2

	CONCENTRATION (ug/kg)	DETECTION + LIMIT (ug/kg)
1. CYANIDE	BDL	0.58

BDL= BELOW DETECTION LIMIT

+ Detection limits have been adjusted to report variation from the nominal sample weight and the percent solid.

APPENDIX J, SECTION 10

PHENOLS ANALYSIS (SOIL)

PG13B1416 - Soil sample from Soil Boring RF-13 at 14-16 feet.

COMPUCHEM LABORATORIES, INC.
P.O. Box 12652 3308 Chapel Hill / Nelson Highway Research Triangle Park, NC 27709 (919) 549-8263

COMPOUND LIST - CLASSICAL PARAMETERS

RESULTS REPORTED ON DRY WEIGHT BASIS USING THE PERCENT SOLID

SAMPLE IDENTIFIER: PG13B1416
COMPUCHEM SAMPLE NUMBER: 422997
DRY WEIGHT FACTOR: 1.16
PERCENT SOLID: 86.2

	CONCENTRATION (mg/kg)	DETECTION + LIMIT (mg/kg)
1. PHENOLS, TOTAL	BDL	0.12

BDL= BELOW DETECTION LIMIT

+ Detection limits have been adjusted to report variation from the nominal sample weight and the percent solid.

APPENDIX J, SECTION 11

SULFIDE ANALYSIS (SOIL)

PG13B1416 - Soil sample from Soil Boring RF-13 at 14-16 feet.

CHEMWEST ANALYTICAL LABORATORIES
SULFIDE
EPA METHOD 9030

Date(s) Analyzed: 06/04/91

Case: 8173
Matrix: Soil

Client ID	CHEMWEST ID	% Solids	Amount Detected (MG/KG)	RL (MG/KG)
423003/PG13B1416	8173-1	86	BRL	11.6

Client ID	CHEMWEST ID	Spike Conc. (MG/KG)	Amount Detected (MG/KG)	% Rec.
Method Blank	MB		BRL	
LQCS	LQCS	40.0	36.7840	92.0
LQCSD	LQCSD	40.0	37.5840	94.0

Relative % Difference = 2.2

BRL: Below Reporting Limit.
RL: Reporting Limit.

The reporting limit for the Method Blank is 10.0 MG/KG.

Approved by:

Date Reported:
09/16/92

REV5:12.91

APPENDIX J, SECTION 12

VOLATILE ORGANICS ANALYSIS (GROUNDWATER)

P101G - Groundwater sample from Monitoring Well ES1-1.

P102G - Groundwater sample from Monitoring Well ES1-2.

P103G - Groundwater sample from Monitoring Well ES1-3.

P1DP1 - Groundwater sample from Monitoring Well ES1-3 (Duplicate).

P104G - Groundwater sample from Monitoring Well Es1-4.

PINSCG - Groundwater sample from Northside Caisson.

PISSCG - Groundwater sample from Southside Caisson.

PG13G - Groundwater sample from Monitoring Well RF-13.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P101G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 490

Matrix: (soil/water) WATER Lab Sample ID: 399045

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN099045C53

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ Date Analyzed: 02/19/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	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
540-59-0	1,2-Dichloroethene (total)	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
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
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	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	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	Total Xylenes	5	U
74-88-4	Iodomethane	10	U
107-02-8	Acrolein	90	U

107-13-1--------Acrylonitrile	120	U
75-69-4---------Trichlorofluoromethane	5	U
107-05-1--------3-Chloropropene	15	U
74-95-3---------Dibromomethane	10	U
106-93-4--------1,2-Dibromoethane	5	U
630-20-6--------1,1,1,2-Tetrachloroethane	5	U
96-18-4---------1,2,3-Trichloropropane	15	U
764-71-0--------trans-1,4-Dichloro-2-butene	15	U
96-18-4---------Ethylmethacrylate	10	U
96-12-8---------1,2-Dibromo-3-chloropropane	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P101G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 491

Matrix: (soil/water) WATER Lab Sample ID: 399046

Sample wt/vol: 5.0 (g/mL) ~~ML~~ Lab File ID: DI099046A19

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ Date Analyzed: 02/15/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ~~UG/L~~ mg/L

CAS NO.	COMPOUND		
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	10	U
107-12-0	Ethyl Cyanide	20	U
107-18-6	Allyl Alcohol	10	U
107-19-7	2-Propyn-1-OL	20	U
126-98-7	Methacrylonitrile	5	U
78-83-1	Isobutyl Alcohol	20	U
123-91-1	1,4-Dioxane	20	U
80-62-6	Methyl Methacrylate	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P102G

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 490

Matrix: (soil/water) WATER Lab Sample ID: 399051

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN099051B53

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ Date Analyzed: 02/19/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	BJ
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
540-59-0	1,2-Dichloroethene (total)	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
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
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	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	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	Total Xylenes	5	U
74-88-4	Iodomethane	10	U
107-02-8	Acrolein	90	U

[illegible]-Acrylonitrile	120	U
75-69-4-Trichlorofluoromethane	5	U
107-05-1-3-Chloropropene	15	U
74-95-3-Dibromomethane	10	U
106-93-4-1,2-Dibromoethane	5	U
630-20-6-1,1,1,2-Tetrachloroethane	5	U
96-18-4-1,2,3-Trichloropropane	15	U
764-71-0-trans-1,4-Dichloro-2-butene	15	U
96-18-4-Ethylmethacrylate	10	U
96-12-8-1,2-Dibromo-3-chloropropane	10	U

P102G

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P102G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 491

Matrix: (soil/water) WATER Lab Sample ID: 399052

Sample wt/vol: 5.0 (g/mL) ~~ML~~ µl Lab File ID: DI099052A19

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ Date Analyzed: 02/15/91

GC Column: (pack/cap) PACK Dilution Factor: 1.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ~~UG/L~~ mg/L ug/kg/28/a/

CAS NO.	COMPOUND		
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	10	U
107-12-0	Ethyl Cyanide	20	U
107-18-6	Allyl Alcohol	10	U
107-19-7	2-Propyn-1-OL	20	U
126-89-7	Methacrylonitrile	5	U
78-83-1	Isobutyl Alcohol	20	U
123-91-1	1,4-Dioxane	20	U
80-62-6	Methyl Methacrylate	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P103G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 490

Matrix: (soil/water) WATER Lab Sample ID: 399043

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN099043B53

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ Date Analyzed: 02/18/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	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
540-59-0	1,2-Dichloroethene (total)	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
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
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	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	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	Total Xylenes	5	U
74-88-4	Iodomethane	10	U
107-02-8	Acrolein	90	U

[illegible]	Acrylonitrile	120	U
75-69-4	Trichlorofluoromethane	5	U
107-05-1	3-Chloropropene	15	U
74-95-3	Dibromomethane	10	U
106-93-4	1,2-Dibromoethane	5	U
630-20-6	1,1,1,2-Tetrachloroethane	5	U
96-18-4	1,2,3-Trichloropropane	15	U
764-71-0	trans-1,4-Dichloro-2-butene	15	U
96-18-4	Ethylmethacrylate	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U

P103G

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P103G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 500

Matrix: (soil/water) WATER Lab Sample ID: 399044

Sample wt/vol: 5.0 (g/mL) ~~ML~~ µL Lab File ID: DI099044A19

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ Date Analyzed: 02/15/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ~~UG/L~~ mg/L	Q
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	10	U
107-12-0	Ethyl Cyanide	20	U
107-18-6	Allyl Alcohol	10	U
107-19-7	2-Propyn-1-OL	20	U
126-89-7	Methacrylonitrile	5	U
78-83-1	Isobutyl Alcohol	20	U
123-91-1	1,4-Dioxane	20	U
80-62-6	Methyl Methacrylate	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P1DP1

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 490

Matrix: (soil/water) WATER Lab Sample ID: 399049

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN099049B53

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ Date Analyzed: 02/18/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	1	BJ
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
540-59-0	1,2-Dichloroethene (total)	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
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
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	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	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	Total Xylenes	5	U
74-88-4	Iodomethane	10	U
107-02-8	Acrolein	90	U

	120	U
75-69-4---------Trichlorofluoromethane	5	U
107-05-1--------3-Chloropropene	15	U
74-95-3---------Dibromomethane	10	U
106-93-4--------1,2-Dibromoethane	5	U
630-20-6--------1,1,1,2-Tetrachloroethane	5	U
96-18-4---------1,2,3-Trichloropropane	15	U
764-71-0--------trans-1,4-Dichloro-2-butene	15	U
96-18-4---------Ethylmethacrylate	10	U
96-12-8---------1,2-Dibromo-3-chloropropane	10	U

P1DP1

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P1DP1

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 491

Matrix: (soil/water) WATER Lab Sample ID: 399050

Sample wt/vol: 5.0 (g/mL) ~~ML~~ Lab File ID: DI099050C19

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ Date Analyzed: 02/15/91

Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ~~UG/L~~ mg/L	Q
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	10	U
107-12-0	Ethyl Cyanide	20	U
107-18-6	Allyl Alcohol	10	U
107-19-7	2-Propyn-1-OL	20	U
126-98-7	Methacrylonitrile	5	U
78-83-1	Isobutyl Alcohol	20	U
123-91-1	1,4-Dioxane	20	U
80-62-6	Methyl Methacrylate	10	U

Same as today

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P104G

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 490

Matrix: (soil/water) WATER Lab Sample ID: 398999

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN098999B53

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ Date Analyzed: 02/18/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	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
540-59-0	1,2-Dichloroethene (total)	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
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
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	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	6	
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U
74-88-4	Iodomethane	10	U
107-02-8	Acrolein	90	U

107-13-1--------Acrylonitrile	120	U
75-69-4---------Trichlorofluoromethane	5	U
107-05-1--------3-Chloropropene	15	U
74-95-3---------Dibromomethane	10	U
106-93-4--------1,2-Dibromoethane	5	U
630-20-6--------1,1,1,2-Tetrachloroethane	5	U
96-18-4---------1,2,3-Trichloropropane	15	U
764-71-0--------trans-1,4-Dichloro-2-butene	15	U
96-18-4---------Ethylmethacrylate	10	U
96-12-8---------1,2-Dibromo-3-chloropropane	10	U

P104G

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P104G

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 491

Matrix: (soil/water) WATER Lab Sample ID: 399001

Sample wt/vol: 5.0 (g/mL) ~~ML~~ µl Lab File ID: DI099001C19

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ Date Analyzed: 02/15/91

GC Column: (pack/cap) PACK Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ~~UG/L~~ mg/L	Q
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	10	U
109-77-3	Ethyl Cyanide	20	U
107-18-6	Allyl Alcohol	10	U
107-19-7	2-Propyn-1-OL	20	U
126-98-7	Methacrylonitrile	5	U
78-83-1	Isobutyl Alcohol	20	U
123-91-1	1,4-Dioxane	20	U
80-62-6	Methyl Methacrylate	10	U

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PINSCG

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 556

Matrix: (soil/water) WATER Lab Sample ID: 400143

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR000143A53

Level: (low/med) LOW Date Received: 02/21/91

% Moisture: not dec. _____ Date Analyzed: 02/25/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	7	BJ
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
540-59-0	1,2-Dichloroethene (total)	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
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
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	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	9	
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U
74-88-4	Iodomethane	10	U
107-02-8	Acrolein	90	U

	120	U
75-69-4---------Trichlorofluoromethane	5	U
107-05-1---------3-Chloropropene	15	U
74-95-3---------Dibromomethane	10	U
106-93-4---------1,2-Dibromoethane	5	U
630-20-6---------1,1,1,2-Tetrachloroethane	5	U
96-18-4---------1,2,3-Trichloropropane	15	U
764-71-0---------trans-1,4-Dichloro-2-butene	15	U
96-18-4---------Ethylmethacrylate	10	U
96-12-8---------1,2-Dibromo-3-chloropropane	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PISSCG

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 556

Matrix: (soil/water) WATER Lab Sample ID: 400142

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CR000142B53

Level: (low/med) LOW Date Received: 02/21/91

% Moisture: not dec. ____ Date Analyzed: 02/25/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	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
540-59-0	1,2-Dichloroethene (total)	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
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
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	1	J
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	2	J
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U
74-88-4	Iodomethane	10	U
107-02-8	Acrolein	90	U

22255 556 SAMPLE DATA SUMMARY

107-13-1	Acrylonitrile	120 U
75-69-4	Trichlorofluoromethane	5 U
107-05-1	3-Chloropropene	15 U
74-95-3	Dibromomethane	10 U
106-93-4	1,2-Dibromoethane	5 U
630-20-6	1,1,1,2-Tetrachloroethane	5 U
96-18-4	1,2,3-Trichloropropane	15 U
764-71-0	trans-1,4-Dichloro-2-butene	15 U
96-18-4	Ethylmethacrylate	10 U
96-12-8	1,2-Dibromo-3-chloropropane	10 U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG13G

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 24105 SAS No.: _____ SDG No.: 202

Matrix: (soil/water) WATER Lab Sample ID: 467806

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN067806A56

Level: (low/med) LOW Date Received: 12/05/91

% Moisture: not dec. _____ Date Analyzed: 12/09/91

GC Column: CAP ID: _____ (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	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	3	J
540-59-0	1,2-Dichloroethene (total)	130	
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
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
79-01-6	Trichloroethene	140	
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	10	U
108-10-1	4-Methyl-2-Pentanone	15	U
591-78-6	2-Hexanone	15	U
127-18-4	Tetrachloroethene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	2	J
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

74-88-4	Iodomethane	10	U
107-02-8	Acrolein	90	U
107-13-1	Acrylonitrile	120	U
75-69-4	Trichlorofluoromethane	5	U
74-95-3	Dibromomethane	10	U
96-18-4	1,2,3-Trichloropropane	15	U
97-63-2	Ethylmethacrylate	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG13G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 24105 SAS No.: _____ SDG No.: 254

Matrix: (soil/water) WATER Lab Sample ID: 467815

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: DI067815A11

Level: (low/med) LOW Date Received: 12/05/91

% Moisture: not dec. _____ Date Analyzed: 12/11/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-05-8	Acetonitrile	20	U
107-02-8	Acrolein	20	U
107-13-1	Acrylonitrile	10	U
107-12-0	Ethyl Cyanide	20	U
107-18-6	Allyl Alcohol	10	U
107-19-7	2-Propyn-1-OL	20	U
126-89-7	Methacrylonitrile	5	U
78-83-1	Isobutyl Alcohol	20	U
123-91-1	1,4-Dioxane	20	U
80-62-6	Methyl Methacrylate	10	U

APPENDIX J, SECTION 13

SEMIVOLATILE ORGANICS ANALYSIS (GROUNDWATER)

P101G - Groundwater sample from Monitoring Well ES1-1.

P102G - Groundwater sample from Monitoring Well ES1-2.

P103G - Groundwater sample from Monitoring Well ES1-3.

P1DP1 - Groundwater sample from Monitoring Well ES1-3 (Duplicate).

P104G - Groundwater sample from Monitoring Well ES1-4.

PINSCG - Groundwater sample from the Northside Caisson.

PISSCG - Groundwater sample from the Southside Caisson.

PG13G - Groundwater sample from Monitoring Well RF-13.

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

P101G

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 414

Matrix: (soil/water) WATER Lab Sample ID: 399025

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH099025C04

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/18/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
108-95-2	Phenol	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U

22255 44 SAMPLE DATA SUMMARY

120-83-2---------2,4-Dichlorophenol	10	U
120-82-1---------1,2,4-Trichlorobenzene	10	U
91-20-3----------Naphthalene	10	U
106-47-8---------4-Chloroaniline	10	U
87-65-0----------2,6-Dichlorophenol	20	U
122-09-8---------dimethylphenylethylamine	10	U
1888-71-7--------Hexachloropropene	10	U
87-68-3----------Hexachlorobutadiene	10	U
924-16-3---------N-Nitroso-di-n-butylamine	10	U
59-50-7----------4-Chloro-3-Methylphenol	10	U
106-50-3---------P-Phenylenediamine	10	U
94-59-7----------Safrole	10	U
91-57-6----------2-Methylnaphthalene	10	U
95-94-3----------1,2,4,5-Tetrachlorobenzene	10	U
77-47-4----------Hexachlorocyclopentadiene	10	U
88-06-2----------2,4,6-Trichlorophenol	20	U
95-95-4----------2,4,5-Trichlorophenol	20	U
120-58-1---------Isosafrole	20	U
91-58-7----------2-Chloronaphthalene	10	U
88-74-4----------2-Nitroaniline	10	U
130-15-4---------1,4-Naphthoquinone	20	U
131-11-3---------Dimethyl Phthalate	10	U
208-96-8---------Acenaphthylene	10	U
606-20-2---------2,6-Dinitrotoluene	10	U

GH099025 C04

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P101G

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 414

Matrix: (soil/water) WATER Lab Sample ID: 399025

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH099025C04

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/18/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
91-80-5	Methapyrilene	20	U

(1) - Cannot be separated from Diphenylamine

22255 44 SAMPLE DATA SUMMARY

206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	6	J.
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

GH09025C04

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

P102G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 414

Matrix: (soil/water) WATER Lab Sample ID: 399034

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH099034C04

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/18/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
108-95-2	Phenol	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U

(1) - Cannot be separated from Diphenylamine

22255 44 SAMPLE DATA SUMMARY

120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	10	U
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
91-57-6---------2-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U
606-20-2--------2,6-Dinitrotoluene	10	U

GH099034 Cof

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P102G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 414

Matrix: (soil/water) WATER Lab Sample ID: 399034

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH099034C04

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/18/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
91-80-5	Methapyrilene	20	U

(1) - Cannot be separated from Diphenylamine

22255 44 SAMPLE DATA SUMMARY

206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

GH099034C04

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

P103G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 414

Matrix: (soil/water) WATER Lab Sample ID: 399017

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH099017C04

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/18/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
108-95-2	Phenol	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U

(1) - Cannot be separated from Diphenylamine

22255 44 SAMPLE DATA SUMMARY

120-83-2--------2,4-Dichlorophenol	10	U
120-82-1--------1,2,4-Trichlorobenzene	2	J
91-20-3---------Naphthalene	10	U
106-47-8--------4-Chloroaniline	10	U
87-65-0---------2,6-Dichlorophenol	20	U
122-09-8--------dimethylphenylethylamine	10	U
1888-71-7-------Hexachloropropene	10	U
87-68-3---------Hexachlorobutadiene	10	U
924-16-3--------N-Nitroso-di-n-butylamine	10	U
59-50-7---------4-Chloro-3-Methylphenol	10	U
106-50-3--------P-Phenylenediamine	10	U
94-59-7---------Safrole	10	U
91-57-6---------2-Methylnaphthalene	10	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	10	U
77-47-4---------Hexachlorocyclopentadiene	10	U
88-06-2---------2,4,6-Trichlorophenol	20	U
95-95-4---------2,4,5-Trichlorophenol	20	U
120-58-1--------Isosafrole	20	U
91-58-7---------2-Chloronaphthalene	10	U
88-74-4---------2-Nitroaniline	10	U
130-15-4--------1,4-Naphthoquinone	20	U
131-11-3--------Dimethyl Phthalate	10	U
208-96-8--------Acenaphthylene	10	U
606-20-2--------2,6-Dinitrotoluene	10	U

GH099017 C04

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P103G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 414

Matrix: (soil/water) WATER Lab Sample ID: 399017

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH099017C04

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/18/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	2	J
91-80-5	Methapyrilene	20	U

(1) - Cannot be separated from Diphenylamine

	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

GH099017C04

P1DP1

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 514

Matrix: (soil/water) WATER Lab Sample ID: 399029

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH099029C04

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/18/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
108-95-2	Phenol	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U

	...chlorobenzene	2	J
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
91-57-6	2-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

P1DP1

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 514

Matrix: (soil/water) WATER Lab Sample ID: 399029

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH099029C04

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/18/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/21/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	20	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-3	5-Nitro-o-toluidine	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
91-80-5	Methapyrilene	20	U

(1) - Cannot be separated from Diphenylamine

	[illegible]	10	U
129-00-0	Pyrene	10	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	2	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P104G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 414

Matrix: (soil/water) WATER Lab Sample ID: 399003

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH099003B04

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/18/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-5	Ethyl methanesulfonate	10	U
108-95-2	Phenol	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	87	
106-46-7	1,4-Dichlorobenzene	16	
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	2	J
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U

(1) - Cannot be separated from Diphenylamine

[illegible]-[illegible]-[illegible]	2,4-Dichlorophenol	4 J
120-82-1	1,2,4-Trichlorobenzene	45
91-20-3	Naphthalene	10 U
106-47-8	4-Chloroaniline	10 U
87-65-0	2,6-Dichlorophenol	20 U
122-09-8	dimethylphenylethylamine	10 U
1888-71-7	Hexachloropropene	10 U
87-68-3	Hexachlorobutadiene	10 U
924-16-3	N-Nitroso-di-n-butylamine	10 U
59-50-7	4-Chloro-3-Methylphenol	10 U
106-50-3	P-Phenylenediamine	10 U
94-59-7	Safrole	10 U
91-57-6	2-Methylnaphthalene	10 U
95-94-3	1,2,4,5-Tetrachlorobenzene	10 U
77-47-4	Hexachlorocyclopentadiene	10 U
88-06-2	2,4,6-Trichlorophenol	20 U
95-95-4	2,4,5-Trichlorophenol	1 J
120-58-1	Isosafrole	20 U
91-58-7	2-Chloronaphthalene	10 U
88-74-4	2-Nitroaniline	10 U
130-15-4	1,4-Naphthoquinone	20 U
131-11-3	Dimethyl Phthalate	10 U
208-96-8	Acenaphthylene	10 U
606-20-2	2,6-Dinitrotoluene	10 U

GH099003 BOX

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P104G

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 414

Matrix: (soil/water) WATER Lab Sample ID: 399003

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH099003B04

Level: (low/med) LOW Date Received: 02/14/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/18/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/20/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
134-32-7	2-Naphthylamine	20	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
91-80-5	Methapyrilene	20	U

(1) - Cannot be separated from Diphenylamine

	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	1	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

GH099003B0K

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PINSCG

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 574

Matrix: (soil/water) WATER Lab Sample ID: 400171

Sample wt/vol: 900 (g/mL) ML Lab File ID: GH000171A22

Level: (low/med) LOW Date Received: 02/21/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/22/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/24/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	11	U
110-86-1	Pyridine	11	U
109-06-8	2-Picoline	22	U
10595-95-6	Nitrosomethylethylamine	11	U
66-27-3	Methyl methanesulfonate	11	U
55-18-5	N-Nitrosodiethylamine	11	U
62-50-5	Ethyl methanesulfonate	11	U
108-95-2	Phenol	11	U
62-53-3	Aniline	11	U
76-01-7	Pentachloroethane	11	U
111-44-4	bis(2-Chloroethyl)Ether	22	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	8	J
100-51-6	Benzyl Alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
39638-32-9	bis(2-Chloroisopropyl)Ether	11	U
108-39-4	3-Methylphenol	11	U
106-44-5	4-Methylphenol	11	U
930-55-2	N-Nitrosopyrrolidine	11	U
59-89-2	N-Nitrosomorpholine	11	U
98-86-2	Acetophenone	11	U
621-64-7	N-Nitroso-Di-n-Propylamine	11	U
636-21-5	o-Toluidine hydrochloride	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
100-75-4	N-Nitrosopiperidine	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
65-85-0	Benzoic Acid	110	U
111-91-1	bis(2-Chloroethoxy)Methane	11	U
120-83-2	2,4-Dichlorophenol	11	U

120-82-1--------1,2,4-Trichlorobenzene	11	U
91-20-3---------Naphthalene	11	J
106-47-8--------4-Chloroaniline	11	U
87-65-0---------2,6-Dichlorophenol	22	U
122-09-8--------dimethylphenylethylamine	11	U
1888-71-7-------Hexachloropropene	11	U
87-68-3---------Hexachlorobutadiene	11	U
924-16-3--------N-Nitroso-di-n-butylamine	11	U
59-50-7---------4-Chloro-3-Methylphenol	11	U
106-50-3--------P-Phenylenediamine	11	U
94-59-7---------Safrole	11	U
91-57-6---------2-Methylnaphthalene	11	U
95-94-3---------1,2,4,5-Tetrachlorobenzene	11	U
77-47-4---------Hexachlorocyclopentadiene	11	U
88-06-2---------2,4,6-Trichlorophenol	22	U
95-95-4---------2,4,5-Trichlorophenol	22	U
120-58-1--------Isosafrole	22	U
91-58-7---------2-Chloronaphthalene	11	U
88-74-4---------2-Nitroaniline	11	U
130-15-4--------1,4-Naphthoquinone	22	U
131-11-3--------Dimethyl Phthalate	11	U
208-96-8--------Acenaphthylene	11	U
606-20-2--------2,6-Dinitrotoluene	11	U

CCN 400171

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PINSCG

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 574

Matrix: (soil/water) WATER Lab Sample ID: 400171

Sample wt/vol: 900 (g/mL) ML Lab File ID: GH000171A22

Level: (low/med) LOW Date Received: 02/21/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/22/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/24/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	22	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	44	U
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
608-93-5	Pentachlorobenzene	11	U
134-32-7	2-Naphthylamine	22	U
134-32-7	1-Naphthylamine	22	U
58-90-2	2,3,4,6-Tetrachlorophenol	22	U
84-66-2	Diethylphthalate	11	U
297-97-2	Zinophos	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	22	U
99-55-8	5-Nitro-o-toluidine	22	U
122-66-7	1,2-Diphenylhydrazine	11	U
534-52-1	4,6-Dinitro-2-Methylphenol	33	U
86-30-6	N-Nitrosodiphenylamine (1)	11	U
122-39-4	Diphenylamine	11	U
99-35-4	1,3,5-Trinitrobenzene	22	U
62-44-2	Phenacetin	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
2303-16-4	Diallate	11	U
60-51-5	Dimethoate	11	U
118-74-1	Hexachlorobenzene	11	U
92-67-1	4-Aminobiphenyl	11	U
23950-58-5	Pronamide	11	U
87-86-5	Pentachlorophenol	22	U
82-68-8	Pentachloronitrobenzene	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
84-74-2	Di-n-Butylphthalate	11	U
91-80-5	Methapyrilene	22	U

(1) - Cannot be separated from Diphenylamine

206-44-0	Fluoranthene	11 U
92-87-5	Benzidine	11 U
129-00-0	Pyrene	11 U
60-11-7	p-Dimethylaminoazobenzene	11 U
510-15-6	Chlorobenzilate	11 U
119-93-7	3,3'-Dimethylbenzidine	22 U
85-68-7	Butylbenzylphthalate	11 U
53-96-3	2-Acetylaminofluorene	11 U
91-41-1	3,3'-Dichlorobenzidine	11 U
56-55-3	Benzo(a)Anthracene	11 U
117-81-7	bis(2-Ethylhexyl)phthalate	11 U
218-01-9	Chrysene	11 U
117-84-0	Di-n-Octyl Phthalate	11 U
205-99-2	Benzo(b)Fluoranthene	11 U
57-97-6	7,12-Dimethylbenzanthracene	11 U
207-08-9	Benzo(k)Fluoranthene	11 U
50-32-8	Benzo(a)Pyrene	11 U
56-49-5	3-Methylcholanthrene	11 U
193-39-5	Indeno(1,2,3-cd)Pyrene	11 U
53-70-3	Dibenz(a,h)Anthracene	11 U
191-24-2	Benzo(g,h,i)Perylene	11 U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PINSCGRE

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 574

Matrix: (soil/water) WATER Lab Sample ID: 400171

Sample wt/vol: 900 (g/mL) ML Lab File ID: GR000171B04

Level: (low/med) LOW Date Received: 02/21/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/26/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/26/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	11	U
110-86-1	Pyridine	11	U
109-06-8	2-Picoline	22	U
10595-95-6	Nitrosomethylethylamine	11	U
66-27-3	Methyl methanesulfonate	11	U
55-18-5	N-Nitrosodiethylamine	11	U
62-50-5	Ethyl methanesulfonate	11	U
108-95-2	Phenol	11	U
62-53-3	Aniline	11	U
76-01-7	Pentachloroethane	11	U
111-44-4	bis(2-Chloroethyl)Ether	22	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	5	J
100-51-6	Benzyl Alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
39638-32-9	bis(2-Chloroisopropyl)Ether	11	U
108-39-4	3-Methylphenol	11	U
106-44-5	4-Methylphenol	11	U
930-55-2	N-Nitrosopyrrolidine	11	U
59-89-2	N-Nitrosomorpholine	11	U
98-86-2	Acetophenone	11	U
621-64-7	N-Nitroso-Di-n-Propylamine	11	U
636-21-5	o-Toluidine hydrochloride	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
100-75-4	N-Nitrosopiperidine	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
65-85-0	Benzoic Acid	110	U
111-91-1	bis(2-Chloroethoxy)Methane	11	U
120-83-2	2,4-Dichlorophenol	11	U

(1) - Cannot be separated from Diphenylamine

120-82-1	1,2,4-Trichlorobenzene	11	U
91-20-3	Naphthalene	9	J
106-47-8	4-Chloroaniline	11	U
87-65-0	2,6-Dichlorophenol	22	U
122-09-8	dimethylphenylethylamine	11	U
1888-71-7	Hexachloropropene	11	U
87-68-3	Hexachlorobutadiene	11	U
924-16-3	N-Nitroso-di-n-butylamine	11	U
59-50-7	4-Chloro-3-Methylphenol	11	U
106-50-3	P-Phenylenediamine	11	U
94-59-7	Safrole	11	U
91-57-6	2-Methylnaphthalene	11	U
95-94-3	1,2,4,5-Tetrachlorobenzene	11	U
77-47-4	Hexachlorocyclopentadiene	11	U
88-06-2	2,4,6-Trichlorophenol	22	U
95-95-4	2,4,5-Trichlorophenol	22	U
120-58-1	Isosafrole	22	U
91-58-7	2-Chloronaphthalene	11	U
88-74-4	2-Nitroaniline	11	U
130-15-4	1,4-Naphthoquinone	22	U
131-11-3	Dimethyl Phthalate	11	U
208-96-8	Acenaphthylene	11	U
606-20-2	2,6-Dinitrotoluene	11	U

CCN 400171RE

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PINSCGRE

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 574

Matrix: (soil/water) WATER Lab Sample ID: 400171

Sample wt/vol: 900 (g/mL) ML Lab File ID: GR000171B04

Level: (low/med) LOW Date Received: 02/21/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/26/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/26/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	22	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	44	U
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
608-93-5	Pentachlorobenzene	11	U
134-32-7	2-Naphthylamine	22	U
134-32-7	1-Naphthylamine	22	U
58-90-2	2,3,4,6-Tetrachlorophenol	22	U
84-66-2	Diethylphthalate	11	U
297-97-2	Zinophos	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	22	U
99-55-8	5-Nitro-o-toluidine	22	U
122-66-7	1,2-Diphenylhydrazine	11	U
534-52-1	4,6-Dinitro-2-Methylphenol	33	U
86-30-6	N-Nitrosodiphenylamine (1)	11	U
122-39-4	Diphenylamine	11	U
99-35-4	1,3,5-Trinitrobenzene	22	U
62-44-2	Phenacetin	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
2303-16-4	Diallate	11	U
60-51-5	Dimethoate	11	U
118-74-1	Hexachlorobenzene	11	U
92-67-1	4-Aminobiphenyl	11	U
23950-58-5	Pronamide	11	U
87-86-5	Pentachlorophenol	22	U
82-68-8	Pentachloronitrobenzene	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
84-74-2	Di-n-Butylphthalate	11	U
91-80-5	Methapyrilene	22	U

(1) - Cannot be separated from Diphenylamine

206-44-0	Fluoranthene	11	U
92-87-5	Benzidine	11	U
129-00-0	Pyrene	11	U
60-11-7	p-Dimethylaminoazobenzene	11	U
510-15-6	Chlorobenzilate	11	U
119-93-7	3,3'-Dimethylbenzidine	22	U
85-68-7	Butylbenzylphthalate	11	U
53-96-3	2-Acetylaminofluorene	11	U
91-41-1	3,3'-Dichlorobenzidine	11	U
56-55-3	Benzo(a)Anthracene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	9	BJ
218-01-9	Chrysene	11	U
117-84-0	Di-n-Octyl Phthalate	11	U
205-99-2	Benzo(b)Fluoranthene	11	U
57-97-6	7,12-Dimethylbenzanthracene	11	U
207-08-9	Benzo(k)Fluoranthene	11	U
50-32-8	Benzo(a)Pyrene	11	U
56-49-5	3-Methylcholanthrene	11	U
193-39-5	Indeno(1,2,3-cd)Pyrene	11	U
53-70-3	Dibenz(a,h)Anthracene	11	U
191-24-2	Benzo(g,h,i)Perylene	11	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PISSCG

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 574

Matrix: (soil/water) WATER Lab Sample ID: 400162

Sample wt/vol: 900 (g/mL) ML Lab File ID: GH000162A22

Level: (low/med) LOW Date Received: 02/21/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/22/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/24/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	11	U
110-86-1	Pyridine	11	U
97-63-2	Ethyl methacrylate	11	U
109-06-8	2-Picoline	22	U
10595-95-6	Nitrosomethylethylamine	11	U
66-27-3	Methyl methanesulfonate	11	U
55-18-5	N-Nitrosodiethylamine	11	U
62-50-0	Ethyl methanesulfonate	11	U
108-95-2	Phenol	11	U
62-53-3	Aniline	11	U
76-01-7	Pentachloroethane	11	U
111-44-4	bis(2-Chloroethyl)Ether	22	U
95-57-8	2-Chlorophenol	11	U
541-73-1	1,3-Dichlorobenzene	2	J
106-46-7	1,4-Dichlorobenzene	12	
100-51-6	Benzyl Alcohol	11	U
95-50-1	1,2-Dichlorobenzene	11	U
95-48-7	2-Methylphenol	11	U
39638-32-9	bis(2-Chloroisopropyl)Ether	11	U
108-39-4	3-Methylphenol	11	U
106-44-5	4-Methylphenol	11	U
930-55-2	N-Nitrosopyrrolidine	11	U
59-89-2	N-Nitrosomorpholine	11	U
98-86-2	Acetophenone	11	U
621-64-7	N-Nitroso-Di-n-Propylamine	11	U
636-21-5	o-Toluidine hydrochloride	11	U
67-72-1	Hexachloroethane	11	U
98-95-3	Nitrobenzene	11	U
100-75-4	N-Nitrosopiperidine	11	U
78-59-1	Isophorone	11	U
88-75-5	2-Nitrophenol	11	U
105-67-9	2,4-Dimethylphenol	11	U
65-85-0	Benzoic Acid	5	J
111-91-1	bis(2-Chloroethoxy)Methane	11	U

120-82-1	1,2,4-Trichlorobenzene	11 U
91-20-3	Naphthalene	11 U
106-47-8	4-Chloroaniline	11 U
87-65-0	2,6-Dichlorophenol	22 U
122-09-8	dimethylphenylethylamine	11 U
1888-71-7	Hexachloropropene	11 U
87-68-3	Hexachlorobutadiene	11 U
924-16-3	N-Nitroso-di-n-butylamine	11 U
59-50-7	4-Chloro-3-Methylphenol	11 U
106-50-3	P-Phenylenediamine	11 U
94-59-7	Safrole	11 U
91-57-6	2-Methylnaphthalene	11 U
95-94-3	1,2,4,5-Tetrachlorobenzene	11 U
77-47-4	Hexachlorocyclopentadiene	11 U
88-06-2	2,4,6-Trichlorophenol	22 U
95-95-4	2,4,5-Trichlorophenol	22 U
120-58-1	Isosafrole	22 U
91-58-7	2-Chloronaphthalene	11 U
88-74-4	2-Nitroaniline	11 U
130-15-4	1,4-Naphthoquinone	22 U
131-11-3	Dimethyl Phthalate	11 U
208-96-8	Acenaphthylene	11 U
606-20-2	2,6-Dinitrotoluene	11 U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PISSCG

Lab Name: COMPUCHEM.RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 574

Matrix: (soil/water) WATER Lab Sample ID: 400162

Sample wt/vol: 900 (g/mL) ML Lab File ID: GH000162A22

Level: (low/med) LOW Date Received: 02/21/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/22/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/24/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	22	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	44	U
100-02-7	4-Nitrophenol	11	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
608-93-5	Pentachlorobenzene	11	U
134-32-7	2-Naphthylamine	22	U
134-32-7	1-Naphthylamine	22	U
58-90-2	2,3,4,6-Tetrachlorophenol	22	U
84-66-2	Diethylphthalate	11	U
297-97-2	Zinophos	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	22	U
99-55-8	5-Nitro-o-toluidine	22	U
122-66-7	1,2-Diphenylhydrazine	11	U
534-52-1	4,6-Dinitro-2-Methylphenol	33	U
86-30-6	N-Nitrosodiphenylamine (1)	1	JX
122-39-4	Diphenylamine	1	JX
99-35-4	1,3,5-Trinitrobenzene	22	U
62-44-2	Phenacetin	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
2303-16-4	Diallate	11	U
60-51-5	Dimethoate	11	U
118-74-1	Hexachlorobenzene	11	U
92-67-1	4-Aminobiphenyl	11	U
23950-58-5	Pronamide	11	U
87-86-5	Pentachlorophenol	22	U
82-68-8	Pentachloronitrobenzene	11	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
84-74-2	Di-n-Butylphthalate	11	U
91-80-5	Methapyrilene	22	U

(1) - Cannot be separated from Diphenylamine

206-44-0	Fluoranthene	11	U
92-87-5	Benzidine	11	U
129-00-0	Pyrene	11	U
60-11-7	p-Dimethylaminoazobenzene	11	U
510-15-6	Chlorobenzilate	11	U
119-93-7	3,3'-Dimethylbenzidine	22	U
85-68-7	Butylbenzylphthalate	11	U
53-96-3	2-Acetylaminofluorene	11	U
91-41-1	3,3'-Dichlorobenzidine	11	U
56-55-3	Benzo(a)Anthracene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	3	J
218-01-9	Chrysene	11	U
117-84-0	Di-n-Octyl Phthalate	11	U
205-99-2	Benzo(b)Fluoranthene	11	U
57-97-6	7,12-Dimethylbenzanthracene	11	U
207-08-9	Benzo(k)Fluoranthene	11	U
50-32-8	Benzo(a)Pyrene	11	U
56-49-5	3-Methylcholanthrene	11	U
193-39-5	Indeno(1,2,3-cd)Pyrene	11	U
53-70-3	Dibenz(a,h)Anthracene	11	U
191-24-2	Benzo(g,h,i)Perylene	11	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PISSCGRE

Lab Name: COMPUCHEM RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 574

Matrix: (soil/water) WATER Lab Sample ID: 400162

Sample wt/vol: 850 (g/mL) ML Lab File ID: GR000162C04

Level: (low/med) LOW Date Received: 02/21/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/26/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/27/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	12	U
110-86-1	Pyridine	12	U
109-06-8	2-Picoline	24	U
10595-95-6	Nitrosomethylethylamine	12	U
66-27-3	Methyl methanesulfonate	12	U
55-18-5	N-Nitrosodiethylamine	12	U
62-50-5	Ethyl methanesulfonate	12	U
108-95-2	Phenol	12	U
62-53-3	Aniline	12	U
76-01-7	Pentachloroethane	12	U
111-44-4	bis(2-Chloroethyl)Ether	24	U
95-57-8	2-Chlorophenol	12	U
541-73-1	1,3-Dichlorobenzene	2	J
106-46-7	1,4-Dichlorobenzene	12	
100-51-6	Benzyl Alcohol	12	U
95-50-1	1,2-Dichlorobenzene	12	U
95-48-7	2-Methylphenol	12	U
39638-32-9	bis(2-Chloroisopropyl)Ether	12	U
108-39-4	3-Methylphenol	12	U
106-44-5	4-Methylphenol	12	U
930-55-2	N-Nitrosopyrrolidine	12	U
59-89-2	N-Nitrosomorpholine	12	U
98-86-2	Acetophenone	12	U
621-64-7	N-Nitroso-Di-n-Propylamine	12	U
636-21-5	o-Toluidine hydrochloride	12	U
67-72-1	Hexachloroethane	12	U
98-95-3	Nitrobenzene	12	U
100-75-4	N-Nitrosopiperidine	12	U
78-59-1	Isophorone	12	U
88-75-5	2-Nitrophenol	12	U
105-67-9	2,4-Dimethylphenol	12	U
65-85-0	Benzoic Acid	1	J
111-91-1	bis(2-Chloroethoxy)Methane	12	U
120-83-2	2,4-Dichlorophenol	12	U

(1) - Cannot be separated from Diphenylamine

120-82-1	1,2,4-Trichlorobenzene	12	U
91-20-3	Naphthalene	12	U
106-47-8	4-Chloroaniline	12	U
87-65-0	2,6-Dichlorophenol	24	U
122-09-8	dimethylphenylethylamine	12	U
1888-71-7	Hexachloropropene	12	U
87-68-3	Hexachlorobutadiene	12	U
924-16-3	N-Nitroso-di-n-butylamine	12	U
59-50-7	4-Chloro-3-Methylphenol	12	U
106-50-3	P-Phenylenediamine	12	U
94-59-7	Safrole	12	U
91-57-6	2-Methylnaphthalene	12	U
95-94-3	1,2,4,5-Tetrachlorobenzene	12	U
77-47-4	Hexachlorocyclopentadiene	12	U
88-06-2	2,4,6-Trichlorophenol	24	U
95-95-4	2,4,5-Trichlorophenol	24	U
120-58-1	Isosafrole	24	U
91-58-7	2-Chloronaphthalene	12	U
88-74-4	2-Nitroaniline	12	U
130-15-4	1,4-Naphthoquinone	24	U
131-11-3	Dimethyl Phthalate	12	U
208-96-8	Acenaphthylene	12	U
606-20-2	2,6-Dinitrotoluene	12	U

CCN 400162 RB

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PISSCGRE

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 22255 SAS No.: _____ SDG No.: 574

Matrix: (soil/water) WATER Lab Sample ID: 400162

Sample wt/vol: 850 (g/mL) ML Lab File ID: GR000162C04

Level: (low/med) LOW Date Received: 02/21/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 02/26/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 02/27/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	12	U
51-28-5	2,4-Dinitrophenol	47	U
100-02-7	4-Nitrophenol	12	U
132-64-9	Dibenzofuran	12	U
121-14-2	2,4-Dinitrotoluene	12	U
608-93-5	Pentachlorobenzene	12	U
134-32-7	2-Naphthylamine	24	U
134-32-7	1-Naphthylamine	24	U
58-90-2	2,3,4,6-Tetrachlorophenol	24	U
84-66-2	Diethylphthalate	12	U
297-97-2	Zinophos	12	U
7005-72-3	4-Chlorophenyl-phenylether	12	U
86-73-7	Fluorene	12	U
100-01-6	4-Nitroaniline	24	U
99-55-8	5-Nitro-o-toluidine	24	U
122-66-7	1,2-Diphenylhydrazine	12	U
534-52-1	4,6-Dinitro-2-Methylphenol	35	U
86-30-6	N-Nitrosodiphenylamine (1)	12	U
122-39-4	Diphenylamine	12	U
99-35-4	1,3,5-Trinitrobenzene	24	U
62-44-2	Phenacetin	12	U
101-55-3	4-Bromophenyl-phenylether	12	U
2303-16-4	Diallate	12	U
60-51-5	Dimethoate	12	U
118-74-1	Hexachlorobenzene	12	U
92-67-1	4-Aminobiphenyl	12	U
23950-58-5	Pronamide	12	U
87-86-5	Pentachlorophenol	24	U
82-68-8	Pentachloronitrobenzene	12	U
85-01-8	Phenanthrene	12	U
120-12-7	Anthracene	12	U
84-74-2	Di-n-Butylphthalate	12	U
91-80-5	Methapyrilene	24	U

(1) - Cannot be separated from Diphenylamine

206-44-0	Fluoranthene	12	U
92-87-5	Benzidine	12	U
129-00-0	Pyrene	12	U
60-11-7	p-Dimethylaminoazobenzene	12	U
510-15-6	Chlorobenzilate	12	U
119-93-7	3,3'-Dimethylbenzidine	24	U
85-68-7	Butylbenzylphthalate	12	U
53-96-3	2-Acetylaminofluorene	12	U
91-41-1	3,3'-Dichlorobenzidine	12	U
56-55-3	Benzo(a)Anthracene	12	U
117-81-7	bis(2-Ethylhexyl)phthalate	4	BJ
218-01-9	Chrysene	12	U
117-84-0	Di-n-Octyl Phthalate	12	U
205-99-2	Benzo(b)Fluoranthene	12	U
57-97-6	7,12-Dimethylbenzanthracene	12	U
207-08-9	Benzo(k)Fluoranthene	12	U
50-32-8	Benzo(a)Pyrene	12	U
56-49-5	3-Methylcholanthrene	12	U
193-39-5	Indeno(1,2,3-cd)Pyrene	12	U
53-70-3	Dibenz(a,h)Anthracene	12	U
191-24-2	Benzo(g,h,i)Perylene	12	U

(1) - Cannot be separated from Diphenylamine

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG13G

Lab Name: COMPUCHEM, RTP Contract: 500077

Lab Code: COMPU Case No.: 24105 SAS No.: _____ SDG No.: 226

Matrix: (soil/water) WATER Lab Sample ID: 467825

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH067825A22

Level: (low/med) LOW Date Received: 12/05/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/08/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/14/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
108-95-2	Phenol	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	2	J
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	100	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	2 J
91-20-3	Naphthalene	10 U
106-47-8	4-Chloroaniline	10 U
87-65-0	2,6-Dichlorophenol	20 U
122-09-8	dimethylphenylethylamine	10 U
1888-71-7	Hexachloropropene	10 U
87-68-3	Hexachlorobutadiene	10 U
924-16-3	N-Nitroso-di-n-butylamine	10 U
59-50-7	4-Chloro-3-Methylphenol	10 U
106-50-3	P-Phenylenediamine	10 U
94-59-7	Safrole	10 U
91-57-6	2-Methylnaphthalene	10 U
95-94-3	1,2,4,5-Tetrachlorobenzene	10 U
77-47-4	Hexachlorocyclopentadiene	10 U
88-06-2	2,4,6-Trichlorophenol	20 U
95-95-4	2,4,5-Trichlorophenol	20 U
120-58-1	Isosafrole	20 U
91-58-7	2-Chloronaphthalene	10 U
88-74-4	2-Nitroaniline	10 U
130-15-4	1,4-Naphthoquinone	20 U
131-11-3	Dimethyl Phthalate	10 U
208-96-8	Acenaphthylene	10 U
606-20-2	2,6-Dinitrotoluene	10 U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG13G

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 24105 SAS No.: _____ SDG No.: 226

Matrix: (soil/water) WATER Lab Sample ID: 467825

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH067825A22

Level: (low/med) LOW Date Received: 12/05/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/08/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/14/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	20	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
91-80-5	Methapyrilene	20	U

(1) - Cannot be separated from Diphenylamine

206-44-0---------Fluoranthene	10	U
92-87-5----------Benzidine	10	U
129-00-0---------Pyrene	10	U
60-11-7----------p-Dimethylaminoazobenzene	10	U
510-15-6---------Chlorobenzilate	10	U
119-93-7---------3,3'-Dimethylbenzidine	20	U
85-68-7----------Butylbenzylphthalate	10	U
53-96-3----------2-Acetylaminofluorene	10	U
91-94-1----------3,3'-Dichlorobenzidine	10	U
56-55-3----------Benzo(a)Anthracene	10	U
218-01-9---------Chrysene	10	U
117-81-7---------bis(2-Ethylhexyl)Phthalate	14	B
117-84-0---------Di-n-Octyl Phthalate	10	U
205-99-2---------Benzo(b)Fluoranthene	10	U
57-97-6----------7,12-Dimethylbenzanthracene	10	U
207-08-9---------Benzo(k)Fluoranthene	10	U
50-32-8----------Benzo(a)Pyrene	10	U
56-49-5----------3-Methylcholanthrene	10	U
193-39-5---------Indeno(1,2,3-cd)Pyrene	10	U
53-70-3----------Dibenz(a,h)Anthracene	10	U
191-24-2---------Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

467825

24185 226 SAMPLE DATA SUMMARY

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG13GRE

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 24105 SAS No.: _____ SDG No.: 226

Matrix: (soil/water) WATER Lab Sample ID: 467825

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR067825A20

Level: (low/med) LOW Date Received: 12/05/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/09/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/21/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
62-75-9	N-Nitrosodimethylamine	10	U
110-86-1	Pyridine	10	U
97-63-2	Ethyl methacrylate	10	U
109-06-8	2-Picoline	20	U
10595-95-6	Nitrosomethylethylamine	10	U
66-27-3	Methyl methanesulfonate	10	U
55-18-5	N-Nitrosodiethylamine	10	U
62-50-0	Ethyl methanesulfonate	10	U
108-95-2	Phenol	10	U
62-53-3	Aniline	10	U
76-01-7	Pentachloroethane	10	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	1	J
106-46-7	1,4-Dichlorobenzene	2	J
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
108-39-4	3-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
930-55-2	N-Nitrosopyrrolidine	10	U
59-89-2	N-Nitrosomorpholine	10	U
98-86-2	Acetophenone	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
636-21-5	o-Toluidine hydrochloride	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
100-75-4	N-Nitrosopiperidine	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U

(1) - Cannot be separated from Diphenylamine

120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	2	J
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-65-0	2,6-Dichlorophenol	20	U
122-09-8	dimethylphenylethylamine	10	U
1888-71-7	Hexachloropropene	10	U
87-68-3	Hexachlorobutadiene	10	U
924-16-3	N-Nitroso-di-n-butylamine	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
106-50-3	P-Phenylenediamine	10	U
94-59-7	Safrole	10	U
91-57-6	2-Methylnaphthalene	10	U
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	20	U
120-58-1	Isosafrole	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	10	U
130-15-4	1,4-Naphthoquinone	20	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

467825 3E

24185 22E COMPLETE DATA SUMMARY

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PG13GRE

Lab Name: COMPUCHEM,RTP Contract: 500077

Lab Code: COMPU Case No.: 24105 SAS No.: _____ SDG No.: 226

Matrix: (soil/water) WATER Lab Sample ID: 467825

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR067825A20

Level: (low/med) LOW Date Received: 12/05/91

% Moisture: not dec. _____ dec. _____ Date Extracted: 12/09/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/21/91

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	40	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
608-93-5	Pentachlorobenzene	10	U
91-59-8	2-Naphthylamine	20	U
134-32-7	1-Naphthylamine	20	U
58-90-2	2,3,4,6-Tetrachlorophenol	20	U
84-66-2	Diethylphthalate	10	U
297-97-2	Zinophos	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U
99-55-8	5-Nitro-o-toluidine	20	U
122-66-7	1,2-Diphenylhydrazine	10	U
534-52-1	4,6-Dinitro-2-Methylphenol	30	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
122-39-4	Diphenylamine	10	U
99-35-4	1,3,5-Trinitrobenzene	20	U
62-44-2	Phenacetin	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
2303-16-4	Diallate	10	U
60-51-5	Dimethoate	10	U
118-74-1	Hexachlorobenzene	10	U
92-67-1	4-Aminobiphenyl	10	U
23950-58-5	Pronamide	10	U
87-86-5	Pentachlorophenol	20	U
82-68-8	Pentachloronitrobenzene	10	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
91-80-5	Methapyrilene	20	U

(1) - Cannot be separated from Diphenylamine

206-44-0	Fluoranthene	10	U
92-87-5	Benzidine	10	U
129-00-0	Pyrene	10	U
60-11-7	p-Dimethylaminoazobenzene	10	U
510-15-6	Chlorobenzilate	10	U
119-93-7	3,3'-Dimethylbenzidine	20	U
85-68-7	Butylbenzylphthalate	10	U
53-96-3	2-Acetylaminofluorene	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
57-97-6	7,12-Dimethylbenzanthracene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
56-49-5	3-Methylcholanthrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

46725 RE

APPENDIX J, SECTION 14

PESTICIDES/PCB ANALYSIS (GROUNDWATER)

P101G - Groundwater sample from Monitoring Well ES1-1 (PCB analysis only).

P102G - Groundwater sample from Monitoring Well ES1-2 (PCB analysis only).

P103G- Groundwater sample from Monitoring Well ES1-3.

P1DP1 - Groundwater sample from Monitoring Well ES1-3 (Duplicate).

P104G - Groundwater sample from Monitoring Well ES1-4 (PCB analysis only).

PINSCG - Groundwater sample from the Northside Caisson (PCB analysis only).

PISSCG - Groundwater sample from the Southside Caisson (PCB analysis only).

PG13G - Groundwater sample from Monitoring Well RF-13.

COMPOUND LIST
APPENDIX VIII, IX - PCBs, METHOD 8080

SAMPLE IDENTIFIER: P101G
COMPUCHEM® SAMPLE NUMBER: 399026

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	PCB-1016	BDL	0.50
2P.	PCB-1221	BDL	0.50
3P.	PCB-1232	BDL	0.50
4P.	PCB-1242	BDL	0.50
5P.	PCB-1248	BDL	0.50
6P.	PCB-1254	BDL	0.50
7P.	PCB-1260	BDL	0.50

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	84	(48-136)*

*Advisory surrogate; with the exception of dilutions recovery below 10% requires action step (re-extraction and re-analysis). See Quality Assurance Notice.

BDL=BELOW DETECTION LIMIT

COMPOUND LIST
APPENDIX VIII, IX - PCBs, METHOD 8080

SAMPLE IDENTIFIER: P102G
COMPUCHEM® SAMPLE NUMBER: 399033

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	PCB-1016	BDL	0.50
2P.	PCB-1221	BDL	0.50
3P.	PCB-1232	BDL	0.50
4P.	PCB-1242	BDL	0.50
5P.	PCB-1248	BDL	0.50
6P.	PCB-1254	BDL	0.50
7P.	PCB-1260	BDL	0.50

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	71	(48-136)*

*Advisory surrogate; with the exception of dilutions recovery below 10% requires action step (re-extraction and re-analysis). See Quality Assurance Notice.

BDL=BELOW DETECTION LIMIT

COMPOUND LIST

PESTICIDES, METHOD 8080
(Page 1)

SAMPLE IDENTIFIER: P103G
COMPUCHEM® SAMPLE NUMBER: 399019

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	4,4'-DDD	BDL	0.10
2P.	4,4'-DDE	BDL	0.10
3P.	4,4'-DDT	BDL	0.10
4P.	ALDRIN	BDL	0.03
5P.	CHLORDANE	BDL	0.12
6P.	DIELDRIN	BDL	0.03
7P.	ENDOSULFAN I	BDL	0.05
8P.	ENDOSULFAN II	BDL	0.10
9P.	ENDOSULFAN SULFATE	BDL	0.05
10P.	ENDRIN	BDL	0.05
11P.	ENDRIN ALDEHYDE	BDL	0.03
12P.	HEPTACHLOR	BDL	0.03
13P.	HEPTACHLOR EPOXIDE	BDL	0.03
14P.	KEPONE	BDL	0.30
15P.	METHOXYCHLOR	BDL	0.30
16P.	PCB-1016	BDL	0.50
17P.	PCB-1221	BDL	0.50
18P.	PCB-1232	BDL	0.50
19P.	PCB-1242	BDL	0.50
20P.	PCB-1248	BDL	0.50
21P.	PCB-1254	.76	0.50
22P.	PCB-1260	BDL	0.50
23P.	TOXAPHENE	BDL	1.00
24P.	ALPHA-BHC	BDL	0.03
25P.	BETA-BHC	BDL	0.03
26P.	DELTA-BHC	BDL	0.03
27P.	GAMMA-BHC	BDL	0.03

(Continued)

COMPOUND LIST

PESTICIDES, METHOD 8080
(Page 2)

SAMPLE IDENTIFIER: P103G
COMPUCHEM® SAMPLE NUMBER: 399019

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	81	(20-150)*

*Advisory surrogate; with the exception of dilutions recovery below 10% requires action step (re-extraction and re-analysis). See Quality Assurance Notice.

BDL=BELOW DETECTION LIMIT

COMPOUND LIST

PESTICIDES, METHOD 8080
(Page 1)

SAMPLE IDENTIFIER: P1DP1
COMPUCHEM® SAMPLE NUMBER: 399031

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	4,4'-DDD	BDL	0.10
2P.	4,4'-DDE	BDL	0.10
3P.	4,4'-DDT	BDL	0.10
4P.	ALDRIN	BDL	0.03
5P.	CHLORDANE	BDL	0.12
6P.	DIELDRIN	BDL	0.03
7P.	ENDOSULFAN I	BDL	0.05
8P.	ENDOSULFAN II	BDL	0.10
9P.	ENDOSULFAN SULFATE	BDL	0.05
10P.	ENDRIN	BDL	0.05
11P.	ENDRIN ALDEHYDE	BDL	0.03
12P.	HEPTACHLOR	BDL	0.03
13P.	HEPTACHLOR EPOXIDE	BDL	0.03
14P.	KEPONE	BDL	0.30
15P.	METHOXYCHLOR	BDL	0.30
16P.	PCB-1016	BDL	0.50
17P.	PCB-1221	BDL	0.50
18P.	PCB-1232	BDL	0.50
19P.	PCB-1242	BDL	0.50
20P.	PCB-1248	BDL	0.50
21P.	PCB-1254	BDL	0.50
22P.	PCB-1260	1.3	0.50
23P.	TOXAPHENE	BDL	1.00
24P.	ALPHA-BHC	BDL	0.03
25P.	BETA-BHC	BDL	0.03
26P.	DELTA-BHC	BDL	0.03
27P.	GAMMA-BHC	BDL	0.03

(Continued)

COMPOUND LIST

PESTICIDES, METHOD 8080
(Page 2)

SAMPLE IDENTIFIER: P1DP1
COMPUCHEM® SAMPLE NUMBER: 399031

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	102	(20-150)*

*Advisory surrogate; with the exception of dilutions recovery below 10% requires action step (re-extraction and re-analysis). See Quality Assurance Notice.

BDL=BELOW DETECTION LIMIT

COMPOUND LIST
APPENDIX VIII, IX - PCBs, METHOD 8080

SAMPLE IDENTIFIER: P104G
COMPUCHEM® SAMPLE NUMBER: 399002

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	PCB-1016	BDL	0.50
2P.	PCB-1221	BDL	0.50
3P.	PCB-1232	BDL	0.50
4P.	PCB-1242	BDL	0.50
5P.	PCB-1248	BDL	0.50
6P.	PCB-1254	BDL	0.50
7P.	PCB-1260	BDL	0.50

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	84	(48-136)*

*Advisory surrogate; with the exception of dilutions recovery below 10% requires action step (re-extraction and re-analysis). See Quality Assurance Notice.

BDL=BELOW DETECTION LIMIT

COMPOUND LIST
APPENDIX VIII, IX - PCBs, METHOD 8080

SAMPLE IDENTIFIER: PINSCG
COMPUCHEM® SAMPLE NUMBER: 400172

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	PCB-1016	BDL	0.50
2P.	PCB-1221	BDL	0.50
3P.	PCB-1232	BDL	0.50
4P.	PCB-1242	BDL	0.50
5P.	PCB-1248	BDL	0.50
6P.	PCB-1254	BDL	0.50
7P.	PCB-1260	BDL	0.50

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	82	(48-136)*

*Advisory surrogate; with the exception of dilutions recovery below 10% requires action step (re-extraction and re-analysis). See Quality Assurance Notice.

BDL=BELOW DETECTION LIMIT

COMPOUND LIST
APPENDIX VIII, IX - PCBs, METHOD 8080

SAMPLE IDENTIFIER: PISSCG
COMPUCHEM® SAMPLE NUMBER: 400163

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	PCB-1016	BDL	0.50
2P.	PCB-1221	BDL	0.50
3P.	PCB-1232	BDL	0.50
4P.	PCB-1242	BDL	0.50
5P.	PCB-1248	BDL	0.50
6P.	PCB-1254	BDL	0.50
7P.	PCB-1260	BDL	0.50

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	74	(48-136)*

*Advisory surrogate; with the exception of dilutions recovery below 10% requires action step (re-extraction and re-analysis). See Quality Assurance Notice.

BDL=BELOW DETECTION LIMIT

COMPOUND LIST

PESTICIDES, METHOD 8080
(Page 1)

SAMPLE IDENTIFIER: PG13G
COMPUCHEM® SAMPLE NUMBER: 467839

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	4,4'-DDD	BDL	0.10
2P.	4,4'-DDE	BDL	0.10
3P.	4,4'-DDT	BDL	0.10
4P.	ALDRIN	BDL	0.03
5P.	CHLORDANE	BDL	0.12
6P.	DIELDRIN	BDL	0.03
7P.	ENDOSULFAN I	BDL	0.05
8P.	ENDOSULFAN II	BDL	0.10
9P.	ENDOSULFAN SULFATE	BDL	0.05
10P.	ENDRIN	BDL	0.05
11P.	ENDRIN ALDEHYDE	BDL	0.03
12P.	HEPTACHLOR	BDL	0.03
13P.	HEPTACHLOR EPOXIDE	BDL	0.03
14P.	KEPONE	BDL	0.30
15P.	METHOXYCHLOR	BDL	0.30
16P.	PCB-1016	BDL	0.50
17P.	PCB-1221	BDL	0.50
18P.	PCB-1232	BDL	0.50
19P.	PCB-1242	BDL	0.50
20P.	PCB-1248	BDL	0.50
21P.	PCB-1254	BDL	0.50
22P.	PCB-1260	BDL	0.50
23P.	TOXAPHENE	BDL	1.00
24P.	ALPHA-BHC	BDL	0.03
25P.	BETA-BHC	BDL	0.03
26P.	DELTA-BHC	BDL	0.03
27P.	GAMMA-BHC	BDL	0.03

(Continued)

COMPOUND LIST

PESTICIDES, METHOD 8080
(Page 2)

SAMPLE IDENTIFIER: PG13G
COMPUCHEM® SAMPLE NUMBER: 467839

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Dibutylchlorendate	81	(48-136)*

*Advisory surrogate; with the exception of dilutions recovery below 20% requires action step (re-extraction and re-analysis). See Quality Assurance Notice.

BDL=BELOW DETECTION LIMIT

APPENDIX J, SECTION 15

ORGANOPHOSPHORUS PESTICIDES (GROUNDWATER)

P103G - Groundwater sample from Monitoring Well ES1-3.

P1DP1 - Groundwater sample from Monitoring Well ES1-3 (Duplicate).

PG13G - Groundwater sample from Monitoring Well RF-13.

COMPOUND LIST

APPENDIX VIII, IX - ORGANOPHOSPHORUS PESTICIDES, METHOD 8140

SAMPLE IDENTIFIER: P103C
COMPUCHEM® SAMPLE NUMBER: 399018

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	DIMETHOATE	BDL	0.50
2P.	DISULFOTON	BDL	0.50
3P.	METHYL PARATHION	BDL	0.50
4P.	PARATHION	BDL	0.50
5P.	PHORATE	BDL	0.50
6P.	TETRAETHYLDITHIOPYROPHOSPHATE (SULFOTEPP)	BDL	0.50

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Methidathion	101	(60-120)*

*Advisory surrogate. See Quality Assurance Notice.

BDL=BELOW DETECTION LIMIT

COMPOUND LIST

APPENDIX VIII, IX - ORGANOPHOSPHORUS PESTICIDES, METHOD 8140

SAMPLE IDENTIFIER: P1DP1
COMPUCHEM® SAMPLE NUMBER: 399030

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	DIMETHOATE	BDL	0.50
2P.	DISULFOTON	BDL	0.50
3P.	METHYL PARATHION	BDL	0.50
4P.	PARATHION	BDL	0.50
5P.	PHORATE	BDL	0.50
6P.	TETRAETHYLDITHIOPYROPHOSPHATE (SULFOTEPP)	BDL	0.50

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Methidathion	98	(60-120)*

*Advisory surrogate. See Quality Assurance Notice.

BDL=BELOW DETECTION LIMIT

COMPOUND LIST

APPENDIX VIII, IX - ORGANOPHOSPHORUS PESTICIDES, METHOD 8140

SAMPLE IDENTIFIER: PG13G
COMPUCHEM® SAMPLE NUMBER: 467872

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1P.	DIMETHOATE	BDL	0.50
2P.	DISULFOTON	BDL	0.50
3P.	METHYL PARATHION	BDL	0.50
4P.	PARATHION	BDL	0.50
5P.	PHORATE	BDL	0.50
6P.	TETRAETHYLDITHIOPYROPHOSPHATE (SULFOTEPP)	BDL	0.50

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
Methidathion	93	(60-120)*

*Advisory surrogate only.

BDL=BELOW DETECTION LIMIT

HERBICIDES ANALYSIS (GROUNDWATER)

P103G - Groundwater sample from Monitoring Well ES1-3.

PG13G - Groundwater sample from Monitoring Well RF-13.

COMPOUND LIST

APPENDIX VIII, IX - HERBICIDES, METHOD 8150

SAMPLE IDENTIFIER: P103G
COMPUCHEM® SAMPLE NUMBER: 399020

	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1. 2,4-D	BDL	4.0
2. 2,4,5-TP(Silvex)	BDL	1.0
3. 2,4,5-T	BDL	1.0

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	70	(28-104)*

BDL=BELOW DETECTION LIMIT

*Advisory surrogate; with the exception of dilutions recovery below 10% requires action step (re-extraction and re-analysis). See Quality Assurance Notice.

COMPOUND LIST

APPENDIX VIII, IX - HERBICIDES, METHOD 8150

SAMPLE IDENTIFIER: PG13G
COMPUCHEM® SAMPLE NUMBER: 467873

	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1. 2,4-D	BDL	4.0
2. 2,4,5-TP(Silvex)	BDL	1.0
3. 2,4,5-T	BDL	1.0

Surrogate Recovery - Introduced at the beginning of the extraction, the surrogate standard is a select compound that analytically mimics the response of certain analytes. A known concentration of this surrogate is added to the sample and a percent recovery is calculated. This recovery acts as a barometer of extraction efficiency and analytical response for the individual sample.

	% Recovery	Control Range %
2,4-DB	74	(24-154)*

BDL=BELOW DETECTION LIMIT

*Advisory surrogate only; if recovery < 20%, re-methylation extract; minimum 10% recovery required after re-methylation. See Quality Assurance Notice.

APPENDIX J, SECTION 17

DIOXIN/FURAN ANALYSIS (GROUNDWATER)

P101G - Groundwater sample from Monitoring Well ES1-1.

P102G - Groundwater sample from Monitoring Well ES1-2.

P103G - Groundwater sample from Monitoring Well ES1-3.

P1DP1 - Groundwater sample from Monitoring Well ES1-3 (Duplicate).

P104G - Groundwater sample from Monitoring Well ES1-4.

PINSCG - Groundwater sample from the Northside Caisson.

PISSCG - Groundwater sample from the Southside Caisson.

PG13G - Groundwater sample from Monitoring Well RF-13.

FORM 1 - QUAN ...ON REPORT

DATE: 03/19/91

LABORATORY: ChemWest

Ticket# CW-7645

Project Name: General Electric Company

TOTAL ANALYTE QUANTITY FOUND

(ppt or ng/L)

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	2378 TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	2378 TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
P101G // 398991	7645-4	03/14/91	20:46	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.20	0.20	0.26	0.47	0.68	1.1	0.18	0.36	0.24	0.70	0.67	0.77
P1DP1 // 398994	7645-5	03/14/91	21:23	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.22	0.22	0.28	0.59	0.60	1.2	0.13	0.43	0.24	0.54	0.90	1.0
P102G // 398997	7645-6	03/14/91	21:59	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.24	0.24	0.33	0.56	0.91	0.97	0.20	0.40	0.27	0.70	1.6	0.74

a = MAXIMUM POSSIBLE CONCENTRATION

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

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

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

Approved by: _____

DATE: 5/19/91

LABORATORY: ChemWest

Ticket# CW-7645

Project Name: General Electric Company

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	ABSOLUTE % RECOVERY of INTERNAL STANDARDS							SURROGATE % ACCURACY		
					*C-TCDD	*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF	*C-PeCDF	*Cl-TCDD	*C-HxCDD	*C-HpCDF
P101G // 398991	7645-4	03/14/91	20:46	CW-2	63.7	78.6	87.3	91.3	65.3	66.0	79.4	97.9	100	90.6
Detection Limit														
P1DP1 // 398994	7645-5	03/14/91	21:23	CW-2	61.8	75.3	83.7	88.0	64.4	65.0	75.5	97.8	98.5	90.7
Detection Limit														
P102G // 398997	7645-6	03/14/91	21:59	CW-2	60.7	74.6	81.9	88.4	64.1	65.2	75.1	98.8	98.9	88.5
Detection Limit														

INTERNAL STANDARDS

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

SURROGATES

*Cl-TCDD = 37Cl4-2378-TCDD
*C-HxCDD = 13C12-123789-HxCDD
*C-PeCDF = 13C12-12378-PeCDF
*C-HPCDF = 13C12-1234678-HpCDF

Approved by:_____

DATE: 03/19/91

LABORATORY: ChemWest

Ticket# CW-7645

Project Name: General Electric Company

TOTAL ANALYTE QUANTITY FOUND

(ppt or ng/L)

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	2378 TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	2378 TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
Method Blank	7645-1MB	03/14/91	16:55	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.31	0.31	0.28	0.47	0.66	0.97	0.26	0.26	0.27	0.45	0.79	0.94
P104G // 398982	7645-1	03/14/91	17:31	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.25	0.25	0.28	5.6	0.78	1.2	0.23	0.46	0.24	6.8	0.97	0.84
P104G // 398982 MS	7645-1MS	03/14/91	18:12	CW-2	88.7	88.7	94.9	95.3	95.1	105	98.9	98.9	87.0	94.8	93.6	129
Detection Limit																
P104G // 398982 MSD	7645-1MSD	03/14/91	18:47	CW-2	90.3	90.3	93.8	95.1	96.7	105	98.4	98.4	87.2	95.6	94.9	126
Detection Limit																
P1FB1 // 398985	7645-2	03/14/91	19:25	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.23	0.23	0.49	0.62	1.2	1.6	0.30	0.60	0.43	0.77	1.3	1.0
P103G // 398988	7645-3	03/14/91	20:07	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.30	0.30	0.37	0.72	0.78	1.0	0.21	0.43	0.37	0.66	0.79	1.0

a = MAXIMUM POSSIBLE CONCENTRATION

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

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

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

Approved by: _____

DATE: 03/19/91

LABORATORY: ChemWest

Ticket# CW-7645

Project Name: General Electric Company

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	ABSOLUTE % RECOVERY of INTERNAL STANDARDS							SURROGATE % ACCURACY		
					*C-TCDD	*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF	*C-PeCDF	*Cl-TCDD	*C-HxCDD	*C-HpCDF
Method Blank	7645-1MB	03/14/91	16:55	CW-2	58.6	74.2	85.3	90.6	65.9	60.5	73.0	98.6	98.3	88.7
Detection Limit														
P104G // 398982	7645-1	03/14/91	17:31	CW-2	57.9	72.6	84.2	91.3	62.1	62.3	71.0	99.4	97.9	88.1
Detection Limit														
P104G // 398982 MS	7645-1MS	03/14/91	18:12	CW-2	67.9	81.9	89.2	93.4	65.9	70.1	79.2	97.1	98.1	89.9
Detection Limit														
P104G // 398982 MSD	7645-1MSD	03/14/91	18:47	CW-2	64.0	80.0	85.5	92.4	66.9	66.8	76.8	98.0	99.3	89.6
Detection Limit														
P1FB1 // 398985	7645-2	03/14/91	19:25	CW-2	60.4	75.8	83.5	86.9	66.8	63.5	74.1	98.4	109	91.9
Detection Limit														
P103G // 398988	7645-3	03/14/91	20:07	CW-2	60.2	73.5	80.6	83.8	60.5	61.8	72.1	97.8	100	90.4

INTERNAL STANDARDS

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

SURROGATES

*Cl-TCDD = 37Cl4-2378-TCDD
*C-HxCDD = 13C12-123789-HxCDD
*C-PeCDF = 13C12-12378-PeCDF
*C-HPCDF = 13C12-1234678-HpCDF

Approved by:_____

FORM 1 - QUANTITATION REPORT

DATE: 03/20/91

LABORATORY: ChemWest

Ticket# CW-7674

Project Name: General Electric Company

TOTAL ANALYTE QUANTITY FOUND

(ppt or ng/L)

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	2378 TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	2378 TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
Method Blank	7673-1MB	03/15/91	13:49	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.20	0.20	0.28	0.41	0.77	4.2	0.17	0.36	0.25	0.40	0.44	1.2
MBS	7673-1MBS	03/15/91	15:00	CW-2	88.7	88.7	90.6	96.2	94.2	107	97.1	97.1	85.5	96.5	92.7	133
Detection Limit																
MBSD	7673-1MBSD	03/15/91	15:41	CW-2	88.5	88.5	92.0	96.3	94.6	107	96.0	96.0	86.1	97.7	92.4	133
Detection Limit																
PISSCG // 400168	7674-1	03/15/91	16:18	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.24	0.24	0.51	0.75	0.92	1.8	0.34	0.34	0.34	0.75	0.81	1.3
PINSCG // 400176	7674-2	03/15/91	16:56	CW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.25	0.25	0.44	0.82	0.99	1.1	0.31	0.29	0.33	0.79	0.74	1.1

g = MAXIMUN POSSIBLE CONCENTRATION

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

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

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

Approved by: _____

FORM 1 - QUANTITATION REPORT

DATE: 03/20/91
LABORATORY: ChemWest

Ticket# CW-7674
Project Name: General Electric Company

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	ABSOLUTE % RECOVERY of INTERNAL STANDARDS *C-TCDD	*C-PeCDD	*C-HxCDD	*C-HpCDD	*C-OCDD	*C-TCDF	*C-PeCDF	SURROGATE % ACCURACY *Cl-TCDD	*C-HxCDD	*C-HpCDF
Method Blank	7673-1MB	03/15/91	13:49	CW-2	79.5	99.5	109	112	72.1	83.1	95.5	97.8	99.3	90.3
Detection Limit														
MBS	7673-1MBS	03/15/91	15:00	CW-2	81.6	102	104	111	74.1	84.3	96.9	97.7	102	92.2
Detection Limit														
MBSD	7673-1MBSD	03/15/91	15:41	CW-2	79.2	98.4	101	106	67.9	82.9	93.8	97.9	104	90.4
Detection Limit														
PISSCG // 400168	7674-1	03/15/91	16:18	CW-2	74.9	92.2	96.1	93.9	61.8	78.1	87.9	99.2	100	91.8
Detection Limit														
PINSCG // 400176	7674-2	03/15/91	16:56	CW-2	74.2	90.0	94.1	96.4	61.7	76.9	86.5	98.9	102	91.8
Detection Limit														

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

SURROGATES
*Cl-TCDD = 37Cl4-2378-TCDD
*C-HxCDD = 13C12-123789-HxCDD
*C-PeCDF = 13C12-12378-PeCDF
*C-HPCDF = 13C12-1234678-HpCDF

Approved by: _____

FORM 1 - QUANTITATION REPORT

DATE: 01/07/92

LABORATORY: ChemWest

Ticket# CW-9062

Project Name: General Electric Company

TOTAL ANALYTE QUANTITY FOUND

(ppt or ng/L)

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	2378 TCDD	TCDD	PeCDD	HxCDD	HpCDD	OCDD	2378 TCDF	TCDF	PeCDF	HxCDF	HpCDF	OCDF
Method Blank	9061-MB	12/30/91	17:47	CW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.30	0.30	0.30	0.92	0.53	1.2	0.14	0.30	0.67	0.64	0.50	0.92
PG16G // 467795	9062-1	12/30/91	21:22	CW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.28	0.28	0.54	0.74	0.70	1.2	0.18	0.45	0.50	0.59	0.87	0.94
PGEB1 // 467794	9062-2	12/30/91	22:00	CW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.20	0.20	0.33	0.35	0.40	0.81	0.083	0.36	0.40	0.22	0.40	0.95
PG4G // 467796	9062-3	12/31/91	09:41	CW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.18	0.18	0.36	0.43	0.44	0.64	0.11	0.38	0.26	0.22	0.40	0.51
PGDF2 // 467797	9062-4	12/31/91	10:17	CW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.27	0.27	0.50	0.400	0.55	0.97	0.15	0.37	0.33	0.25	0.65	0.78
PG13G // 467798	9062-5	12/31/91	10:55	CW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Detection Limit					0.22	0.22	0.33	0.41	0.40	1.2	0.16	0.33	0.33	0.30	0.63	0.79

a = MAXIMUM POSSIBLE CONCENTRATION

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

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

^{13}C-OCDD: Carbon 13 labeled octachlorodibenzodioxin (12 carbons)

Approved by: _____

FORM 1 - QUANTITATION REPORT

DATE: 01/07/92

LABORATORY: ChemNest

Ticket# CW-9062

Project Name: General Electric Company

CLIENT ID.	CW#	GC/MS DATE	GC/MS TIME	INST. ID.	ABSOLUTE % RECOVERY of INTERNAL STANDARDS							SURROGATE % ACCURACY		
					^{13}C-TCDD	^{13}C-PeCDD	^{13}C-HxCDD	^{13}C-HpCDD	^{13}C-OCDD	^{13}C-TCDF	^{13}C-PeCDF	^{37}Cl-TCDD	^{13}C-HxCDD	^{13}C-HpCDF
Method Blank	9061-MB	12/30/91	17:47	CW-1	77.3	80.0	77.8	59.8	38.9	78.9	79.3	101	98.4	102
Detection Limit														
PG16G // 467793	9062-1	12/30/91	21:22	CW-1	81.5	84.4	81.0	66.4	43.2	82.9	84.6	99.5	97.5	97.5
Detection Limit														
PGEB1 // 467794	9062-2	12/30/91	22:00	CW-1	86.7	94.8	93.4	80.5	46.1	88.9	94.2	100	99.7	94.7
Detection Limit														
PG4G // 467796	9062-3	12/31/91	09:41	CW-1	82.6	87.2	84.4	70.3	44.0	83.1	96.0	99.9	99.3	99.4
Detection Limit														
PGDP2 // 467797	9062-4	12/31/91	10:17	CW-1	80.4	83.4	80.8	66.0	40.2	81.7	84.2	101	96.8	98.1
Detection Limit														
PG15G // 467798	9062-5	12/31/91	10:55	CW-1	81.3	85.0	79.9	66.6	39.7	83.5	84.4	98.5	97.4	97.0

INTERNAL STANDARDS

^{13}C-TCDD = 13C12-2378-TCDD
^{13}C-PeCDD = 13C12-12378-PeCDD
^{13}C-HxCDD = 13C12-123678-HxCDD
^{13}C-HpCDD = 13C12-1234678-HpCDD
^{13}C-TCDF = 13C12-2378-TCDF

SURROGATES

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

Approved by: _____

APPENDIX J, SECTION 18

METALS ANALYSIS (GROUNDWATER)

P101G - Groundwater sample from Monitoring Well ES1-1.

P102G - Groundwater sample from Monitoring Well ES1-2.

P103G - Groundwater sample from Monitoring Well ES1-3.

P1DP1 - Groundwater sample from Monitoring Well ES1-3 (Duplicate).

P104G - Groundwater sample from Monitoring Well ES1-4.

PINSCG - Groundwater sample from the Northside Caisson.

PISSCG - Groundwater sample from the Southside Caisson.

PG13G - Groundwater sample from Monitoring Well RF-13.

COMPOUND LIST
INORGANICS - SW-846

SAMPLE IDENTIFIER: P101G
COMPUCHEM SAMPLE NUMBER: 398989

	CONCENTRATION (mg/L)	DETECTION LIMITS (mg/L)
ALUMINUM, DISSOLVED	BDL	0.20
ANTIMONY, DISSOLVED	BDL	0.010
ARSENIC, DISSOLVED	BDL	0.010
BARIUM, DISSOLVED	BDL	0.20
BERYLLIUM, DISSOLVED	BDL	0.0050
CADMIUM, DISSOLVED	BDL	0.0050
CALCIUM, DISSOLVED	37	5.0
CHROMIUM,DISSOLVED	BDL	0.010
COBALT, DISSOLVED	BDL	0.050
COPPER, DISSOLVED	BDL	0.025
IRON, DISSOLVED	BDL	0.10
LEAD, DISSOLVED	0.0051	0.0050
MAGNESIUM, DISSOLVED	16	5.0
MANGANESE, DISSOLVED	0.089	0.015
MERCURY, DISSOLVED	BDL	0.00020
NICKEL, DISSOLVED	BDL	0.040
POTASSIUM, DISSOLVED	BDL	5.0
SELENIUM, DISSOLVED	BDL	0.0050
SODIUM, DISSOLVED	83	5.0
SILVER, DISSOLVED	BDL	0.010
THALLIUM, DISSOLVED	BDL	0.010
VANADIUM, DISSOLVED	BDL	0.050
ZINC, DISSOLVED	BDL	0.020

BDL = BELOW DETECTION LIMITS

COMPOUND LIST
INORGANICS - SW-846

SAMPLE IDENTIFIER: P102G
COMPUCHEM SAMPLE NUMBER: 398995

	CONCENTRATION (mg/L)	DETECTION LIMITS (mg/L)
ALUMINUM, DISSOLVED	BDL	0.20
ANTIMONY, DISSOLVED	BDL	0.010
ARSENIC, DISSOLVED	BDL	0.010
BARIUM, DISSOLVED	BDL	0.20
BERYLLIUM, DISSOLVED	BDL	0.0050
CADMIUM, DISSOLVED	BDL	0.0050
CALCIUM, DISSOLVED	55	5.0
CHROMIUM,DISSOLVED	BDL	0.010
COBALT, DISSOLVED	BDL	0.050
COPPER, DISSOLVED	BDL	0.025
IRON, DISSOLVED	0.14	0.10
LEAD, DISSOLVED	0.0081	0.0050
MAGNESIUM, DISSOLVED	16	5.0
MANGANESE, DISSOLVED	0.077	0.015
MERCURY, DISSOLVED	BDL	0.00020
NICKEL, DISSOLVED	BDL	0.040
POTASSIUM, DISSOLVED	BDL	5.0
SELENIUM, DISSOLVED	BDL	0.0050
SODIUM, DISSOLVED	130	5.0
SILVER, DISSOLVED	BDL	0.010
THALLIUM, DISSOLVED	BDL	0.010
VANADIUM, DISSOLVED	BDL	0.050
ZINC, DISSOLVED	0.057	0.020

BDL = BELOW DETECTION LIMITS

COMPOUND LIST
INORGANICS - SW-846

SAMPLE IDENTIFIER: P103G
COMPUCHEM SAMPLE NUMBER: 398986

	CONCENTRATION (mg/L)	DETECTION LIMITS (mg/L)
ALUMINUM, DISSOLVED	BDL	0.20
ANTIMONY, DISSOLVED	BDL	0.010
ARSENIC, DISSOLVED	BDL	0.010
BARIUM, DISSOLVED	BDL	0.20
BERYLLIUM, DISSOLVED	BDL	0.0050
CADMIUM, DISSOLVED	BDL	0.0050
CALCIUM, DISSOLVED	82	5.0
CHROMIUM,DISSOLVED	BDL	0.010
COBALT, DISSOLVED	BDL	0.050
COPPER, DISSOLVED	BDL	0.025
IRON, DISSOLVED	BDL	0.10
LEAD, DISSOLVED	0.0098	0.0050
MAGNESIUM, DISSOLVED	41	5.0
MANGANESE, DISSOLVED	0.083	0.015
MERCURY, DISSOLVED	BDL	0.00020
NICKEL, DISSOLVED	BDL	0.040
POTASSIUM, DISSOLVED	5.4	5.0
SELENIUM, DISSOLVED	BDL	0.0050
SODIUM, DISSOLVED	100	5.0
SILVER, DISSOLVED	BDL	0.010
THALLIUM, DISSOLVED	BDL	0.010
VANADIUM, DISSOLVED	BDL	0.050
ZINC, DISSOLVED	0.029	0.020

BDL = BELOW DETECTION LIMITS

COMPOUND LIST
INORGANICS - SW-846

SAMPLE IDENTIFIER: P1DP1
COMPUCHEM SAMPLE NUMBER: 398992

	CONCENTRATION (mg/L)	DETECTION LIMITS (mg/L)
ALUMINUM, DISSOLVED	BDL	0.20
ANTIMONY, DISSOLVED	BDL	0.010
ARSENIC, DISSOLVED	BDL	0.010
BARIUM, DISSOLVED	BDL	0.20
BERYLLIUM, DISSOLVED	BDL	0.0050
CADMIUM, DISSOLVED	BDL	0.0050
CALCIUM, DISSOLVED	84	5.0
CHROMIUM,DISSOLVED	BDL	0.010
COBALT, DISSOLVED	BDL	0.050
COPPER, DISSOLVED	BDL	0.025
IRON, DISSOLVED	BDL	0.10
LEAD, DISSOLVED	0.0077	0.0050
MAGNESIUM, DISSOLVED	41	5.0
MANGANESE, DISSOLVED	0.091	0.015
MERCURY, DISSOLVED	BDL	0.00020
NICKEL, DISSOLVED	BDL	0.040
POTASSIUM, DISSOLVED	5.3	5.0
SELENIUM, DISSOLVED	BDL	0.0050
SODIUM, DISSOLVED	100	5.0
SILVER, DISSOLVED	BDL	0.010
THALLIUM, DISSOLVED	BDL	0.010
VANADIUM, DISSOLVED	BDL	0.050
ZINC, DISSOLVED	0.14	0.020

BDL = BELOW DETECTION LIMITS

COMPOUND LIST
INORGANICS - SW-846

SAMPLE IDENTIFIER: P104G
COMPUCHEM SAMPLE NUMBER: 398980

	CONCENTRATION (mg/L)	DETECTION LIMITS (mg/L)
ALUMINUM, DISSOLVED	BDL	0.20
ANTIMONY, DISSOLVED	BDL	0.010
ARSENIC, DISSOLVED	BDL	0.010
BARIUM, DISSOLVED	BDL	0.20
BERYLLIUM, DISSOLVED	BDL	0.0050
CADMIUM, DISSOLVED	BDL	0.0050
CALCIUM, DISSOLVED	44	5.0
CHROMIUM,DISSOLVED	BDL	0.010
COBALT, DISSOLVED	BDL	0.050
COPPER, DISSOLVED	BDL	0.025
IRON, DISSOLVED	0.16	0.10
LEAD, DISSOLVED	BDL	0.0050
MAGNESIUM, DISSOLVED	18	5.0
MANGANESE, DISSOLVED	0.096	0.015
MERCURY, DISSOLVED	BDL	0.00020
NICKEL, DISSOLVED	BDL	0.040
POTASSIUM, DISSOLVED	BDL	5.0
SELENIUM, DISSOLVED	BDL	0.0050
SODIUM, DISSOLVED	320	5.0
SILVER, DISSOLVED	BDL	0.010
THALLIUM, DISSOLVED	BDL	0.010
VANADIUM, DISSOLVED	BDL	0.050
ZINC, DISSOLVED	BDL	0.020

BDL = BELOW DETECTION LIMITS

SAMPLE IDENTIFIER: PINSCG
COMPUCHEM SAMPLE NUMBER: 400175

	CONCENTRATION (mg/L)	DETECTION LIMIT (mg/L)
ALUMINUM, TOTAL	0.25	0.20
ANTIMONY, TOTAL	BDL	0.010
ARSENIC, TOTAL	BDL	0.010
BARIUM, TOTAL	BDL	0.20
BERYLLIUM, TOTAL	BDL	0.0050
CADMIUM, TOTAL	BDL	0.0050
CALCIUM, TOTAL	100	5.0
CHROMIUM, TOTAL	BDL	0.010
COBALT, TOTAL	BDL	0.050
COPPER, TOTAL	BDL	0.025
IRON, TOTAL	19	0.10
LEAD, TOTAL	BDL	0.0050
MAGNESIUM, TOTAL	25	5.0
MANGANESE, TOTAL	1.9	0.015
MERCURY, TOTAL	BDL	0.00020
NICKEL, TOTAL	BDL	0.040
POTASSIUM, TOTAL	BDL	5.0
SELENIUM, TOTAL	BDL	0.0050
SODIUM, TOTAL	100	5.0
SILVER, TOTAL	BDL	0.010
THALLIUM, TOTAL	BDL	0.010
VANADIUM, TOTAL	BDL	0.050
ZINC, TOTAL	0.16	0.020

BDL=BELOW DETECTION LIMIT

SAMPLE IDENTIFIER: PISSCG
COMPUCHEM SAMPLE NUMBER: 400164

	CONCENTRATION (mg/L)	DETECTION LIMIT (mg/L)
ALUMINUM, TOTAL	0.40	0.20
ANTIMONY, TOTAL	BDL	0.010
ARSENIC, TOTAL	BDL	0.010
BARIUM, TOTAL	BDL	0.20
BERYLLIUM, TOTAL	BDL	0.0050
CADMIUM, TOTAL	BDL	0.0050
CALCIUM, TOTAL	53	5.0
CHROMIUM, TOTAL	BDL	0.010
COBALT, TOTAL	BDL	0.050
COPPER, TOTAL	BDL	0.025
IRON, TOTAL	6.4	0.10
LEAD, TOTAL	0.0068	0.0050
MAGNESIUM, TOTAL	9.1	5.0
MANGANESE, TOTAL	0.87	0.015
MERCURY, TOTAL	BDL	0.00020
NICKEL, TOTAL	BDL	0.040
POTASSIUM, TOTAL	8.1	5.0
SELENIUM, TOTAL	BDL	0.0050
SODIUM, TOTAL	260	5.0
SILVER, TOTAL	BDL	0.010
THALLIUM, TOTAL	BDL	0.010
VANADIUM, TOTAL	BDL	0.050
ZINC, TOTAL	0.055	0.020

BDL=BELOW DETECTION LIMIT

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INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PG13G

Lab Name: COMPUCHEM LABORATORIES Contract: SW-846

Lab Code: COMPU Case No.: 50007 SAS No.: _____ SDG No.: 936291

Matrix (soil/water): WATER Lab Sample ID: 467852

Level (low/med): LOW Date Received: 12/05/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	99.2	B		P
7440-36-0	Antimony	36.0	U		P
7440-38-2	Arsenic	5.0	U		P
7440-39-3	Barium	153	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	246000			P
7440-47-3	Chromium	4.0	U	*	P
7440-48-4	Cobalt	5.2	B		P
7440-50-8	Copper	6.3	B		P
7439-89-6	Iron	35.2	B		P
7439-92-1	Lead	2.7	B	W	P
7439-95-4	Magnesium	53400			P
7439-96-5	Manganese	3550			P
7439-97-6	Mercury	.20	U		CV
7440-02-0	Nickel	8.0	U		P
7440-09-7	Potassium	6500			P
7782-49-2	Selenium	3.0	U	N	P
7440-22-4	Silver	6.0	U	N	P
7440-23-5	Sodium	290000			P
7440-28-0	Thallium	2.0	U	W	P
7440-62-2	Vanadium	6.0	U		P
7440-66-6	Zinc	26.1			P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: YELLOW Clarity After: CLEAR Artifacts: _____

Comments:

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INORGANIC CASE 936291

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APPENDIX J, SECTION 19

CYANIDE ANALYSIS (GROUNDWATER)

P101G - Groundwater sample from Monitoring Well ES1-1.

P102G - Groundwater sample from Monitoring Well ES1-2.

P103G - Groundwater sample from Monitoring Well ES1-3.

P104G - Groundwater sample from Monitoring Well ES1-4.

PINSCG - Groundwater sample from the Northside Caisson.

PISSCG - Groundwater sample from the Southside Caisson.

PG13G - Groundwater sample from Monitoring Well RF-13.

U.S. EPA - CLP

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INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

P101G

b Name: COMPUCHEM LABORATORIES Contract: 7/88

Code: COMPU Case No.: 47528 SAS No.: _____ SDG No.: 475281

rix (soil/water): WATER Lab Sample ID: 399028

.l (low/med): LOW Date Received: 02/14/91

lids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	10.0	U		AS

fore: BROWN Clarity Before: CLOUDY Texture: _____

fter: BROWN Clarity After: CLOUDY Artifacts: _____

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INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

P102G

b Name: COMPUCHEM LABORATORIES Contract: 7/88

ab Code: COMPU Case No.: 47528 SAS No.: _____ SDG No.: 475281

trix (soil/water): WATER Lab Sample ID: 399035

vel (low/med): LOW Date Received: 02/14/91

Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	10.3			AS

Color Before: BROWN Clarity Before: CLOUDY Texture: _____

Color After: BROWN Clarity After: CLOUDY Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

P103G

) Name: COMPUCHEM LABORATORIES Contract: 7/88

ab Code: COMPU Case No.: 47528 SAS No.: _____ SDG No.: 475281

:rix (soil/water): WATER Lab Sample ID: 399021

:vel (low/med): LOW Date Received: 02/14/91

olids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	10.0	U		AS

lor Before: WHITE Clarity Before: CLOUDY Texture: _____

)r After: WHITE Clarity After: CLOUDY Artifacts: _____

mments:

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INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

P104G

Lab Name: COMPUCHEM LABORATORIES Contract: 7/88

Lab Code: COMPU Case No.: 47528 SAS No.: _____ SDG No.: 475281

Matrix (soil/water): WATER Lab Sample ID: 399004

Level (low/med): LOW Date Received: 02/14/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	10.0	U		AS

Color Before: BROWN Clarity Before: CLOUDY Texture: _____

Color After: BROWN Clarity After: CLOUDY Artifacts: _____

Comments:
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INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PINSCG

Lab Name: COMPUCHEM LABORATORIES Contract: 7/88

ab Code: COMPU Case No.: 47528 SAS No.: _____ SDG No.: 75281A

Matrix (soil/water): WATER Lab Sample ID: 400174

evel (low/med): LOW Date Received: 02/21/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	10.0	U		AS

lor Before: BROWN Clarity Before: CLOUDY Texture: _____

olor After: BROWN Clarity After: CLOUDY Artifacts: _____

mments:

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INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PISSCG

Lab Name: COMPUCHEM LABORATORIES Contract: 7/88

Lab Code: COMPU Case No.: 47528 SAS No.: _____ SDG No.: 75281A

Matrix (soil/water): WATER Lab Sample ID: 400165

Level (low/med): LOW Date Received: 02/21/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	10.0	U		AS

Color Before: BROWN Clarity Before: CLOUDY Texture: _____

Color After: BROWN Clarity After: CLOUDY Artifacts: _____

Comments:

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U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PG13G

Lab Name: COMPUCHEM LABORATORIES Contract: 7/88

Lab Code: COMPU Case No.: 50007 SAS No.: _____ SDG No.: 475298

Matrix (soil/water): WATER Lab Sample ID: 467859

Level (low/med): LOW Date Received: 12/05/91

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide	10.0	U		AS

Color Before: BROWN Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

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APPENDIX J, SECTION 20

PHENOLS ANALYSIS (GROUNDWATER)

P101G - Groundwater sample from Monitoring Well ES1-1.

P102G - Groundwater sample from Monitoring Well ES1-2.

P103G - Groundwater sample from Monitoring Well ES1-3.

P1DP1 - Groundwater sample from Monitoring Well ES1-3 (Duplicate).

P104G - Groundwater sample from Monitoring Well ES1-4.

PINSCG - Groundwater sample from the Northside Caisson.

PISSCG - Groundwater sample from the Southside Caisson.

PG13G - Groundwater sample from Monitoring Well RF-13.

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: P101G
COMPUCHEM SAMPLE NUMBER: 399027

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1.	PHENOLS, TOTAL	BDL	10

BDL = BELOW DETECTION LIMITS

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: P102G
COMPUCHEM SAMPLE NUMBER: 399036

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1.	PHENOLS, TOTAL	BDL	10

BDL = BELOW DETECTION LIMITS

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: P103G
COMPUCHEM SAMPLE NUMBER: 399024

	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1. PHENOLS, TOTAL	BDL	10

BDL = BELOW DETECTION LIMITS

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: P1DP1
COMPUCHEM SAMPLE NUMBER: 399032

		CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1.	PHENOLS, TOTAL	BDL	10

BDL = BELOW DETECTION LIMITS

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: P104G
COMPUCHEM SAMPLE NUMBER: 399005

	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1. PHENOLS, TOTAL	BDL	10

BDL = BELOW DETECTION LIMITS

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: PINSCG
COMPUCHEM SAMPLE NUMBER: 400173

	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1. PHENOLS, TOTAL	BDL	10

BDL = BELOW DETECTION LIMITS

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: PISSCG
COMPUCHEM SAMPLE NUMBER: 400166

	CONCENTRATION (ug/L)	DETECTION LIMIT (ug/L)
1. PHENOLS, TOTAL	BDL	10

BDL = BELOW DETECTION LIMITS

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: PG13G
COMPUCHEM SAMPLE NUMBER: 467868

	CONCENTRATION (mg/L)	DETECTION LIMIT (mg/L)
1. PHENOLS, TOTAL	BDL	0.010

BDL = BELOW DETECTION LIMIT

APPENDIX J, SECTION 21

SULFIDE ANALYSIS (GROUNDWATER)

P101G - Groundwater sample from Monitoring Well ES1-1.

P102G - Groundwater sample from Monitoring Well ES1-2.

P103G - Groundwater sample from Monitoring Well ES1-3.

P1DP1 - Groundwater sample from Monitoring Well ES1-3 (Duplicate).

P104G - Groundwater sample from Monitoring Well ES1-4.

PINSCG - Groundwater sample from the Northside Caisson.

PISSCG - Groundwater sample from the Southside Caisson.

PG13G - Groundwater sample from Monitoring Well RF-13.

COMPUCHEM LABORATORIES, INC.

SULFIDE

Date(s) Analyzed: 02/18/91

Case : 7646
Matrix: Water

Client ID	CHEMWEST ID	Amount Detected (mg/L)
P104G/398981	7646-1	BRL
P1FB1/398984	7646-2	BRL
P103G/398987	7646-3	BRL
P101G/398990	7646-4	BRL
P1DP1/398993	7646-5	BRL
P102G/398996	7646-6	BRL

Client ID	CHEMWEST ID	Spike Conc. (mg/L)	% Rec.	Amount Detected (mg/L)
Method Blank	7646-MB			BRL
	7646-MBS	4.0	100%	
	7646-MBSD	4.0	95%	

Relative % Difference = 5%

The reporting limit for Sulfide is 1.0 mg/L.

BRL: Below Reporting Limit.

Approved by: _____

Date Reported:
03/21/91

REV3:1.90

COMPUCHEM LABORATORIES, INC.

SULFIDE

Date(s) Analyzed: 02/27/91

Case : 7675
Matrix: Water

Client ID	CHEMWEST ID	Amount Detected (mg/L)
PISSCG/400167	7675-1	BRL
PINSCG/400178	7675-2	BRL

Client ID	CHEMWEST ID	Spike Conc. (mg/L)	% Rec.	Amount Detected (mg/L)
Method Blank	7675-MB			BRL
	7675-MBS	4.0	97%	
	7675-MBSD	4.0	102%	

Relative % Difference = 5%

The reporting limit for Sulfide is 1.0 mg/L.

BRL: Below Reporting Limit.

Approved by: V. H.

Date Reported:
03/13/91

REV3:1.90

COMPUCHEM LABORATORIES, INC.

SAMPLE CORRELATION SHEET

CHEMWEST ID	COMPUCHEM ID	CLIENT ID
9062-1	467786	PG16G
9062-2	467787	PGEB1
9062-3	467788	PG4G
9062-4	467789	PGDP2
9062-5	467791	PG13G
9062-6	467792	PG1G

COMPUCHEM LABORATORIES, INC.

SULFIDE

Date(s) Analyzed: 12/11/91

Case: 9062
Matrix: Water

Client ID	CHEMWEST ID	Amount Detected (MG/L)
467786	9062-1	BRL
467787	9062-2	BRL
467788	9062-3	BRL
467789	9062-4	BRL
6/36 → 467791	9062-5	BRL
467792	9062-6	BRL

Client ID	CHEMWEST ID	Spike Conc. (MG/L)	Amount Detected (MG/L)	% Rec.
Method Blank	MB		BRL	
MBS	MBS	4.0	3.5680	89.2%
MBSD	MBSD	4.0	3.5360	88.4%

Relative % Difference = 0.9%

The reporting limit for Sulfide is 1.0 mg/L.

BRL: Below Reporting Limit.

Approved by: V.M.

Date Reported:
12/17/91

REV5:12.91