1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP57

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467963

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GD067963C07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 30 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/23/91

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.4

Number TICs found: 13

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	4.35	1400	J
2.	ALDOL	4.65	950	BAJ
3.	ALDOL	5.00	710	AJ
4.	BENZOFLUORENE	11.90	470	J
5.	UNKNOWN	14.07	1400	J
6.	UNKNOWN HYDROCARBON	14.35	2400	J
7.	UNKNOWN	14.49	1200	J
8.	UNKNOWN PAH	14.79	1200	J
9.	UNKNOWN	15.19	950	J
10.	UNKNOWN	15.49	1700	J
11.	UNKNOWN HYDROCARBON	15.75	3300	J
12.	UNKNOWN	16.09	2600	J
13.	UNKNOWN	16.84	950	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP57RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467963

Sample wt/vol: 30.4 (g/mL) G Lab File ID: GDR67963A02

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 30 decanted: (Y/N) N Date Extracted: 12/27/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/05/92

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	930	U
111-44-4	bis(2-Chloroethyl)Ether	930	U
95-57-8	2-Chlorophenol	930	U
541-73-1	1,3-Dichlorobenzene	930	U
106-46-7	1,4-Dichlorobenzene	930	U
95-50-1	1,2-Dichlorobenzene	930	U
95-48-7	2-Methylphenol	930	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	930	U
106-44-5	4-Methylphenol	930	U
621-64-7	N-Nitroso-Di-n-Propylamine	930	U
67-72-1	Hexachloroethane	930	U
98-95-3	Nitrobenzene	930	U
78-59-1	Isophorone	930	U
88-75-5	2-Nitrophenol	930	U
105-67-9	2,4-Dimethylphenol	930	U
111-91-1	bis(2-Chloroethoxy)Methane	930	U
120-83-2	2,4-Dichlorophenol	930	U
120-82-1	1,2,4-Trichlorobenzene	930	U
91-20-3	Naphthalene	930	U
106-47-8	4-Chloroaniline	930	U
87-68-3	Hexachlorobutadiene	930	U
59-50-7	4-Chloro-3-Methylphenol	930	U
91-57-6	2-Methylnaphthalene	930	U
77-47-4	Hexachlorocyclopentadiene	930	U
88-06-2	2,4,6-Trichlorophenol	930	U
95-95-4	2,4,5-Trichlorophenol	2300	U
91-58-7	2-Chloronaphthalene	930	U
88-74-4	2-Nitroaniline	2300	U
131-11-3	Dimethyl Phthalate	930	U
208-96-8	Acenaphthylene	930	U
606-20-2	2,6-Dinitrotoluene	930	U
99-09-2	3-Nitroaniline	2300	U
83-32-9	Acenaphthene	120	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP57RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467963

Sample wt/vol: 30.4 (g/mL) G Lab File ID: GDR67963A02

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 30 decanted: (Y/N) N Date Extracted: 12/27/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/05/92

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2300	U
100-02-7	4-Nitrophenol	2300	U
132-64-9	Dibenzofuran	930	U
121-14-2	2,4-Dinitrotoluene	930	U
84-66-2	Diethylphthalate	930	U
7005-72-3	4-Chlorophenyl-phenylether	930	U
86-73-7	Fluorene	210	J
100-01-6	4-Nitroaniline	2300	U
534-52-1	4,6-Dinitro-2-Methylphenol	2300	U
86-30-6	N-Nitrosodiphenylamine (1)	930	U
101-55-3	4-Bromophenyl-phenylether	930	U
118-74-1	Hexachlorobenzene	930	U
87-86-5	Pentachlorophenol	170	J
85-01-8	Phenanthrene	3800	
120-12-7	Anthracene	350	J
86-74-8	Carbazole	340	J
84-74-2	Di-n-Butylphthalate	930	U
206-44-0	Fluoranthene	7600	
129-00-0	Pyrene	3500	
85-68-7	Butylbenzylphthalate	100	J
91-94-1	3,3'-Dichlorobenzidine	930	U
56-55-3	Benzo(a)Anthracene	3000	
218-01-9	Chrysene	2900	
117-81-7	bis(2-Ethylhexyl)Phthalate	390	BJ
117-84-0	Di-n-Octyl Phthalate	930	U
205-99-2	Benzo(b)Fluoranthene	10000	X
207-08-9	Benzo(k)Fluoranthene	10000	X
50-32-8	Benzo(a)Pyrene	1100	
193-39-5	Indeno(1,2,3-cd)Pyrene	730	J
53-70-3	Dibenz(a,h)Anthracene	930	U
191-24-2	Benzo(g,h,i)Perylene	390	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP57RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467963

Sample wt/vol: 30.4 (g/mL) G Lab File ID: GDR67963A02

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 30 decanted: (Y/N) N Date Extracted: 12/27/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/05/92

Injection Volume: 2.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) Y pH: 7.4

Number TICs found: 21

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.57	1200	J
2.	UNKNOWN ALKENE	4.68	660	J
3.	UNKNOWN ALKENE	4.82	4500	J
4.	TETRACHLOROETHANE	4.95	560	J
5.	ALDOL	5.17	750	BAJ
6.	UNKNOWN	5.38	1000	J
7.	UNKNOWN	5.60	2100	J
8.	UNKNOWN	6.23	560	J
9.	MEJTHYLANTHRACENE	12.49	2100	J
10.	UNKNOWN PAH	12.60	380	J
11.	ANTRHACENEDIONE	12.89	380	J
12.	BENZOFLUORENE	14.00	190	J
13.	BENZOFLUORENE	14.15	380	J
14.	BENZOFLUORENE	14.24	190	J
15.	METHYLPYRENE	14.29	190	J
16.	BENZANTHRACENONE	14.84	280	J
17.	UNKNOWN PAH	15.04	190	J
18.	UNKNOWN PAH	16.10	280	J
19.	UNKNOWN PAH	16.29	380	J
20.	UNKNOWN	17.82	5700	J
21.	BENZOFLUORANTHENE	18.10	5500	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP58

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467964

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD067964C07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 39 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/23/91

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2700	U
111-44-4	bis(2-Chloroethyl)Ether	2700	U
95-57-8	2-Chlorophenol	2700	U
541-73-1	1,3-Dichlorobenzene	2700	U
106-46-7	1,4-Dichlorobenzene	2700	U
95-50-1	1,2-Dichlorobenzene	2700	U
95-48-7	2-Methylphenol	2700	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	2700	U
106-44-5	4-Methylphenol	2700	U
621-64-7	N-Nitroso-Di-n-Propylamine	2700	U
67-72-1	Hexachloroethane	2700	U
98-95-3	Nitrobenzene	2700	U
78-59-1	Isophorone	2700	U
88-75-5	2-Nitrophenol	2700	U
105-67-9	2,4-Dimethylphenol	2700	U
111-91-1	bis(2-Chloroethoxy)Methane	2700	U
120-83-2	2,4-Dichlorophenol	2700	U
120-82-1	1,2,4-Trichlorobenzene	2700	U
91-20-3	Naphthalene	2700	U
106-47-8	4-Chloroaniline	2700	U
87-68-3	Hexachlorobutadiene	2700	U
59-50-7	4-Chloro-3-Methylphenol	2700	U
91-57-6	2-Methylnaphthalene	2700	U
77-47-4	Hexachlorocyclopentadiene	2700	U
88-06-2	2,4,6-Trichlorophenol	2700	U
95-95-4	2,4,5-Trichlorophenol	6600	U
91-58-7	2-Chloronaphthalene	2700	U
88-74-4	2-Nitroaniline	6600	U
131-11-3	Dimethyl Phthalate	2700	U
208-96-8	Acenaphthylene	2700	U
606-20-2	2,6-Dinitrotoluene	2700	U
99-09-2	3-Nitroaniline	6600	U
83-32-9	Acenaphthene	2700	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP58

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467964

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD067964C07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 39 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/23/91

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	6600	U
100-02-7	4-Nitrophenol	6600	U
132-64-9	Dibenzofuran	2700	U
121-14-2	2,4-Dinitrotoluene	2700	U
84-66-2	Diethylphthalate	2700	U
7005-72-3	4-Chlorophenyl-phenylether	2700	U
86-73-7	Fluorene	2700	U
100-01-6	4-Nitroaniline	6600	U
534-52-1	4,6-Dinitro-2-Methylphenol	6600	U
86-30-6	N-Nitrosodiphenylamine (1)	2700	U
101-55-3	4-Bromophenyl-phenylether	2700	U
118-74-1	Hexachlorobenzene	2700	U
87-86-5	Pentachlorophenol	6600	U
85-01-8	Phenanthrene	410	J
120-12-7	Anthracene	2700	U
86-74-8	Carbazole	2700	U
84-74-2	Di-n-Butylphthalate	2700	U
206-44-0	Fluoranthene	1000	J
129-00-0	Pyrene	1100	J
85-68-7	Butylbenzylphthalate	2700	U
91-94-1	3,3'-Dichlorobenzidine	2700	U
56-55-3	Benzo(a)Anthracene	590	J
218-01-9	Chrysene	540	J
117-81-7	bis(2-Ethylhexyl)Phthalate	770	J
117-84-0	Di-n-Octyl Phthalate	2700	U
205-99-2	Benzo(b)Fluoranthene	1200	JX
207-08-9	Benzo(k)Fluoranthene	1200	JX
50-32-8	Benzo(a)Pyrene	400	J
193-39-5	Indeno(1,2,3-cd)Pyrene	2700	U
53-70-3	Dibenz(a,h)Anthracene	2700	U
191-24-2	Benzo(g,h,i)Perylene	2700	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP58

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467964

Sample wt/vol: 30.0 (g/mL) G Lab File ID: GD067964C07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 39 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/23/91

Injection Volume: 2.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.2

Number TICs found: 13

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKANE	4.37	1100	J
2.	ALDOL	4.67	1900	BAJ
3.	ALDOL	4.77	820	BAJ
4.	UNKNOWN	5.03	820	J
5.	UNKNOWN	5.57	1600	J
6.	UNKNOWN	12.59	1900	J
7.	UNKNOWN	12.64	820	J
8.	UNKNOWN	12.75	550	J
9.	UNKNOWN	13.39	1600	J
10.	UNKNOWN	14.07	1400	J
11.	UNKNOWN HYDROCARBON	14.37	5700	J
12.	UNKNOWN	14.89	820	J
13.	UNKNOWN HYDROCARBON	15.77	6000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP59

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467965

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GD067965A07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/27/91

Injection Volume: 2.0(uL) Dilution Factor: 25

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)Ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
95-48-7	2-Methylphenol	11000	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	11000	U
106-44-5	4-Methylphenol	11000	U
621-64-7	N-Nitroso-Di-n-Propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)Methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-Methylphenol	11000	U
91-57-6	2-Methylnaphthalene	1200	J
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
95-95-4	2,4,5-Trichlorophenol	26000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	26000	U
131-11-3	Dimethyl Phthalate	11000	U
208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	26000	U
83-32-9	Acenaphthene	11000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP59

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467965

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GD067965A07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/27/91

Injection Volume: 2.0(uL) Dilution Factor: 25

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	26000	U
100-02-7	4-Nitrophenol	26000	U
132-64-9	Dibenzofuran	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	6300	J
7005-72-3	4-Chlorophenyl-phenylether	11000	U
86-73-7	Fluorene	11000	U
100-01-6	4-Nitroaniline	26000	U
534-52-1	4,6-Dinitro-2-Methylphenol	26000	U
86-30-6	N-Nitrosodiphenylamine (1)	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	26000	U
85-01-8	Phenanthrene	4100	J
120-12-7	Anthracene	11000	U
86-74-8	Carbazole	11000	U
84-74-2	Di-n-Butylphthalate	2400	J
206-44-0	Fluoranthene	11000	U
129-00-0	Pyrene	11000	U
85-68-7	Butylbenzylphthalate	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
56-55-3	Benzo(a)Anthracene	11000	U
218-01-9	Chrysene	7200	J
117-81-7	bis(2-Ethylhexyl)Phthalate	4700	J
117-84-0	Di-n-Octyl Phthalate	11000	U
205-99-2	Benzo(b)Fluoranthene	11000	U
207-08-9	Benzo(k)Fluoranthene	11000	U
50-32-8	Benzo(a)Pyrene	11000	U
193-39-5	Indeno(1,2,3-cd)Pyrene	11000	U
53-70-3	Dibenz(a,h)Anthracene	11000	U
191-24-2	Benzo(g,h,i)Perylene	11000	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP59

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467965

Sample wt/vol: 30.1 (g/mL) G Lab File ID: GD067965A07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/27/91

Injection Volume: 2.0(uL) Dilution Factor: 25

GPC Cleanup: (Y/N) Y pH: 7.3

Number TICs found: 21

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SOLVENT CONTAMINANT	3.87	7500	BJ
2.	UNKNOWN HYDROCARBON	4.15	37000	J
3.	UNKNOWN HYDROCARBON	4.45	14000	J
4.	TRIMETHYLBENZENE	4.72	14000	J
5.	UNKNOWN	7.98	13000	J
6.	UNKNOWN	8.20	15000	J
7.	UNKNOWN HYDROCARBON	9.25	29000	J
8.	UNKNOWN HYDROCARBON	9.74	15000	J
9.	UNKNOWN HYDROCARBON	10.20	13000	J
10.	UNKNOWN HYDROCARBON	10.65	72000	J
11.	UNKNOWN HDYROCARBON	10.95	51000	J
12.	UNKNOWN HYDROCARBON	11.07	72000	J
13.	UNKNOWN HYDROCARBON	11.45	46000	J
14.	UNKNOWN HYDROCARBON	11.59	44000	J
15.	UNKNOWN HYDROCARBON	11.84	36000	J
16.	UNKNOWN HYDROCARBON	12.20	35000	J
17.	UNKNOWN HYDROCARBON	12.52	51000	J
18.	UNKNOWN HYDROCARBON	12.87	61000	J
19.	UNKNOWN HYDROCARBON	13.00	65000	J
20.	UNKNOWN HYDROCARBON	13.09	58000	J
21.	UNKNOWN HYDROCARBON	13.39	73000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP59RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467965

Sample wt/vol: 30.1 (g/mL) G Lab File ID: G2J67965A07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/04/92

Injection Volume: 2.0(uL) Dilution Factor: 25

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)Ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
95-48-7	2-Methylphenol	11000	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	11000	U
106-44-5	4-Methylphenol	11000	U
621-64-7	N-Nitroso-Di-n-Propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)Methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-Methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
95-95-4	2,4,5-Trichlorophenol	26000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	26000	U
131-11-3	Dimethyl Phthalate	11000	U
208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	26000	U
83-32-9	Acenaphthene	11000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP59RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467965

Sample wt/vol: 30.1 (g/mL) G Lab File ID: G2J67965A07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/04/92

Injection Volume: 2.0(uL) Dilution Factor: 25

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	26000	U
100-02-7	4-Nitrophenol	26000	U
132-64-9	Dibenzofuran	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	3800	J
7005-72-3	4-Chlorophenyl-phenylether	11000	U
86-73-7	Fluorene	11000	U
100-01-6	4-Nitroaniline	26000	U
534-52-1	4,6-Dinitro-2-Methylphenol	26000	U
86-30-6	N-Nitrosodiphenylamine (1)	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	26000	U
85-01-8	Phenanthrene	2000	J
120-12-7	Anthracene	11000	U
86-74-8	Carbazole	11000	U
84-74-2	Di-n-Butylphthalate	11000	U
206-44-0	Fluoranthene	11000	U
129-00-0	Pyrene	11000	U
85-68-7	Butylbenzylphthalate	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
56-55-3	Benzo(a)Anthracene	11000	U
218-01-9	Chrysene	3300	J
117-81-7	bis(2-Ethylhexyl)Phthalate	5200	J
117-84-0	Di-n-Octyl Phthalate	11000	U
205-99-2	Benzo(b)Fluoranthene	11000	U
207-08-9	Benzo(k)Fluoranthene	11000	U
50-32-8	Benzo(a)Pyrene	11000	U
193-39-5	Indeno(1,2,3-cd)Pyrene	11000	U
53-70-3	Dibenz(a,h)Anthracene	11000	U
191-24-2	Benzo(g,h,i)Perylene	11000	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP59RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467965

Sample wt/vol: 30.1 (g/mL) G Lab File ID: G2J67965A07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 22 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/04/92

Injection Volume: 2.0(uL) Dilution Factor: 25

GPC Cleanup: (Y/N) Y pH: 7.3

Number TICs found: 21

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SOLVENT CONTAMINANT	3.92	18000	BJ
2.	UNKNOWN HYDROCARBON	9.00	28000	J
3.	UNKNOWN HYDROCARBON	9.49	47000	J
4.	UNKNOWN HYDROCARBON	9.87	21000	J
5.	UNKNOWN HYDROCARBON	9.92	42000	J
6.	UNKNOWN	10.15	34000	J
7.	UNKNOWN PAH	10.25	33000	J
8.	UNKNOWN HYDROCARBON	10.37	52000	J
9.	UNKNOWN HYDROCARBON	10.65	50000	J
10.	DIMETHYLPHENANTHRENE	10.72	20000	J
11.	UNKNOWN HYDROCARBON	10.77	33000	J
12.	UNKNOWN HYDROCARBON	10.89	34000	J
13.	UNKNOWN HYDROCARBON	11.02	16000	J
14.	UNKNOWN HYDROCARBON	11.17	21000	J
15.	UNKNOWN HYDROCARBON	11.29	28000	J
16.	UNKNOWN HYDROCARBON	11.67	17000	J
17.	UNKNOWN	11.92	19000	J
18.	UNKNOWN HYDROCARBON	12.04	21000	J
19.	UNKNOWN HYDROCARBON	12.22	33000	J
20.	UNKNOWN HYDROCARBON	12.37	24000	J
21.	UNKNOWN HYDROCARBON	12.70	23000	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP60

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467966

Sample wt/vol: 5.0 (g/mL) G Lab File ID: G2R67966C54

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: not dec. 21 Date Analyzed: 12/12/91

GC Column: DB624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	73	B
67-64-1	Acetone	24	B
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	Trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	13	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP60

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467966

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GR067966A02

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 21 decanted: (Y/N) N Date Extracted: 12/27/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/02/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)Ether	410	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	410	U
106-46-7	1,4-Dichlorobenzene	410	U
95-50-1	1,2-Dichlorobenzene	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-Propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)Methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
120-82-1	1,2,4-Trichlorobenzene	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-Methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl Phthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	410	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP60

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467966

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GR067966A02

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 21 decanted: (Y/N) N Date Extracted: 12/27/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/02/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-Methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	66	J
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-Butylphthalate	410	U
206-44-0	Fluoranthene	130	J
129-00-0	Pyrene	96	J
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)Anthracene	56	J
218-01-9	Chrysene	61	J
117-81-7	bis(2-Ethylhexyl)Phthalate	410	U
117-84-0	Di-n-Octyl Phthalate	410	U
205-99-2	Benzo(b)Fluoranthene	110	JX
207-08-9	Benzo(k)Fluoranthene	110	JX
50-32-8	Benzo(a)Pyrene	410	U
193-39-5	Indeno(1,2,3-cd)Pyrene	410	U
53-70-3	Dibenz(a,h)Anthracene	410	U
191-24-2	Benzo(g,h,i)Perylene	410	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP60

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467966

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GR067966A02

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 21 decanted: (Y/N) N Date Extracted: 12/27/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/02/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8

Number TICs found: 24

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALKENE	4.85	920	J
2.	TETRACHLOROETHANE	4.98	210	J
3.	ALDOL	5.22	750	AJ
4.	ALDOL	5.35	130	BAJ
5.	ALDOL	5.67	460	AJ
6.	ALDOL	5.83	130	AJ
7.	UNKNOWN KETONE	6.30	630	J
8.	UNKNOWN KETONE	7.92	250	J
9.	UNKNOWN	12.55	210	J
10.	UNKNOWN	13.34	210	J
11.	UNKNOWN	13.54	500	J
12.	UNKNOWN	14.27	170	J
13.	UNKNOWN	14.59	420	J
14.	UNKNOWN	14.82	540	J
15.	UNKNOWN HYDROCARBON	15.20	170	J
16.	UNKNOWN	15.95	250	J
17.	UNKNOWN HYDROCARBON	16.35	500	J
18.	UNKNOWN HYDROCARBON	17.99	4600	J
19.	UNKNOWN	20.49	10000	J
20.	UNKNOWN	23.14	1600	J
21.	UNKNOWN	24.35	1200	J
22.	UNKNOWN	24.40	920	J
23.	UNKNOWN	24.45	1300	J
24.	UNKNOWN	24.95	2000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJ960RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467966

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G3R67966A21

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 21 decanted: (Y/N) N Date Extracted: 01/06/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/09/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)Ether	420	U
95-57-8	2-Chlorophenol	420	U
541-73-1	1,3-Dichlorobenzene	420	U
106-46-7	1,4-Dichlorobenzene	420	U
95-50-1	1,2-Dichlorobenzene	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-Di-n-Propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy)Methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
120-82-1	1,2,4-Trichlorobenzene	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U
87-68-3	Hexachlorobutadiene	420	U
59-50-7	4-Chloro-3-Methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl Phthalate	420	U
208-96-8	Acenaphthylene	420	U
606-20-2	2,6-Dinitrotoluene	420	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	420	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJ960RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467966

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G3R67966A21

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 21 decanted: (Y/N) N Date Extracted: 01/06/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/09/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
86-73-7	Fluorene	420	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-Methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	420	U
120-12-7	Anthracene	420	U
86-74-8	Carbazole	420	U
84-74-2	Di-n-Butylphthalate	420	U
206-44-0	Fluoranthene	71	J
129-00-0	Pyrene	52	J
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)Anthracene	420	U
218-01-9	Chrysene	420	U
117-81-7	bis(2-Ethylhexyl)Phthalate	420	U
117-84-0	Di-n-Octyl Phthalate	420	U
205-99-2	Benzo(b)Fluoranthene	46	J
207-08-9	Benzo(k)Fluoranthene	420	U
50-32-8	Benzo(a)Pyrene	420	U
193-39-5	Indeno(1,2,3-cd)Pyrene	420	U
53-70-3	Dibenz(a,h)Anthracene	420	U
191-24-2	Benzo(g,h,i)Perylene	420	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJ960RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467966

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G3R67966A21

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 21 decanted: (Y/N) N Date Extracted: 01/06/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/09/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.8

Number TICs found: 9

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.12	250	J
2.	ALDOL	5.25	670	BAJ
3.	ALDOL	5.68	420	AJ
4.	UNKNOWN HYDROCARBON	17.99	420	J
5.	UNKNOWN HYDROCARBON	19.87	1400	J
6.	UNKNOWN	22.20	380	J
7.	UNKNOWN	22.72	510	J
8.	UNKNOWN	23.37	510	J
9.	UNKNOWN	23.40	510	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP61

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467967

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GR067967A02

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 29 decanted: (Y/N) N Date Extracted: 12/27/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/02/92

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	460	U
111-44-4	bis(2-Chloroethyl)Ether	460	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	460	U
106-46-7	1,4-Dichlorobenzene	460	U
95-50-1	1,2-Dichlorobenzene	460	U
95-48-7	2-Methylphenol	460	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	460	U
106-44-5	4-Methylphenol	460	U
621-64-7	N-Nitroso-Di-n-Propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-3	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
88-75-5	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U
111-91-1	bis(2-Chloroethoxy)Methane	460	U
120-83-2	2,4-Dichlorophenol	460	U
120-82-1	1,2,4-Trichlorobenzene	460	U
91-20-3	Naphthalene	460	U
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
59-50-7	4-Chloro-3-Methylphenol	460	U
91-57-6	2-Methylnaphthalene	460	U
77-47-4	Hexachlorocyclopentadiene	460	U
88-06-2	2,4,6-Trichlorophenol	460	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl Phthalate	460	U
208-96-8	Acenaphthylene	460	U
606-20-2	2,6-Dinitrotoluene	460	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	460	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP61

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467967

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GR067967A02

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 29 decanted: (Y/N) N Date Extracted: 12/27/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/02/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	460	U
121-14-2	2,4-Dinitrotoluene	460	U
84-66-2	Diethylphthalate	460	U
7005-72-3	4-Chlorophenyl-phenylether	460	U
86-73-7	Fluorene	460	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	460	U
101-55-3	4-Bromophenyl-phenylether	460	U
118-74-1	Hexachlorobenzene	460	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	77	J
120-12-7	Anthracene	460	U
86-74-8	Carbazole	460	U
84-74-2	Di-n-Butylphthalate	65	J
206-44-0	Fluoranthene	130	J
129-00-0	Pyrene	86	J
85-68-7	Butylbenzylphthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo(a)Anthracene	460	U
218-01-9	Chrysene	59	J
117-81-7	bis(2-Ethylhexyl)Phthalate	250	BJ
117-84-0	Di-n-Octyl Phthalate	460	U
205-99-2	Benzo(b)Fluoranthene	460	U
207-08-9	Benzo(k)Fluoranthene	460	U
50-32-8	Benzo(a)Pyrene	460	U
193-39-5	Indeno(1,2,3-cd)Pyrene	460	U
53-70-3	Dibenz(a,h)Anthracene	460	U
191-24-2	Benzo(g,h,i)Perylene	460	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP61

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467967

Sample wt/vol: 30.3 (g/mL) G Lab File ID: GR067967A02

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 29 decanted: (Y/N) N Date Extracted: 12/27/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/02/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9

ıber TICs found: 21

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.62	190	J
2.	UNKNOWN ALKENE	4.85	1400	J
3.	UNKNOWN	4.98	420	J
4.	ALDOL	5.22	2000	BAJ
5.	UNKNOWN	5.65	560	J
6.	UNKNOWN	7.33	140	J
7.	UNKNOWN	8.79	230	J
8.	UNKNOWN	12.50	280	J
9.	UNKNOWN	12.55	840	J
10.	UNKNOWN	12.97	230	J
11.	UNKNOWN	13.62	230	J
12.	UNKNOWN	14.24	370	J
13.	UNKNOWN	14.59	560	J
14.	UNKNOWN	14.75	370	J
15.	UNKNOWN	15.19	650	J
16.	UNKNOWN	15.39	230	J
17.	UNKNOWN	16.42	650	J
18.	UNKNOWN	17.65	1600	J
19.	UNKNOWN	18.00	2200	J
20.	UNKNOWN	20.50	2200	J
21.	UNKNOWN	21.69	1700	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP61RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467967

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G3R67967A21

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 29 decanted: (Y/N) N Date Extracted: 01/06/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/09/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	460	U
111-44-4	bis(2-Chloroethyl)Ether	460	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	460	U
106-46-7	1,4-Dichlorobenzene	460	U
95-50-1	1,2-Dichlorobenzene	460	U
95-48-7	2-Methylphenol	460	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	460	U
106-44-5	4-Methylphenol	460	U
621-64-7	N-Nitroso-Di-n-Propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-3	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
88-75-5	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U
111-91-1	bis(2-Chloroethoxy)Methane	460	U
120-83-2	2,4-Dichlorophenol	460	U
120-82-1	1,2,4-Trichlorobenzene	460	U
91-20-3	Naphthalene	460	U
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
59-50-7	4-Chloro-3-Methylphenol	460	U
91-57-6	2-Methylnaphthalene	460	U
77-47-4	Hexachlorocyclopentadiene	460	U
88-06-2	2,4,6-Trichlorophenol	460	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethyl Phthalate	460	U
208-96-8	Acenaphthylene	460	U
606-20-2	2,6-Dinitrotoluene	460	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	460	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP61RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467967

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G3R67967A21

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 29 decanted: (Y/N) N Date Extracted: 01/06/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/09/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	460	U
121-14-2	2,4-Dinitrotoluene	460	U
84-66-2	Diethylphthalate	460	U
7005-72-3	4-Chlorophenyl-phenylether	460	U
86-73-7	Fluorene	460	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-Methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	460	U
101-55-3	4-Bromophenyl-phenylether	460	U
118-74-1	Hexachlorobenzene	460	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	460	U
120-12-7	Anthracene	460	U
86-74-8	Carbazole	460	U
84-74-2	Di-n-Butylphthalate	59	J
206-44-0	Fluoranthene	76	J
129-00-0	Pyrene	64	J
85-68-7	Butylbenzylphthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo(a)Anthracene	460	U
218-01-9	Chrysene	460	U
117-81-7	bis(2-Ethylhexyl)Phthalate	420	J
117-84-0	Di-n-Octyl Phthalate	460	U
205-99-2	Benzo(b)Fluoranthene	460	U
207-08-9	Benzo(k)Fluoranthene	460	U
50-32-8	Benzo(a)Pyrene	460	U
193-39-5	Indeno(1,2,3-cd)Pyrene	460	U
53-70-3	Dibenz(a,h)Anthracene	460	U
191-24-2	Benzo(g,h,i)Perylene	460	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP61RE

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467967

Sample wt/vol: 30.0 (g/mL) G Lab File ID: G3R67967A21

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 29 decanted: (Y/N) N Date Extracted: 01/06/92

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/09/92

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.9

ıɴber TICs found: 22

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.12	380	J
2.	ALDOL	5.25	1800	BAJ
3.	ALDOL	5.70	660	AJ
4.	UNKNOWN	12.59	230	J
5.	UNKNOWN	12.92	520	J
6.	UNKNOWN	13.35	330	J
7.	UNKNOWN	13.55	280	J
8.	UNKNOWN HYDROCARBON	13.65	280	J
9.	UNKNOWN	14.69	280	J
10.	UNKNOWN	15.05	380	J
11.	UNKNOWN	15.39	230	J
12.	UNKNOWN	15.69	610	J
13.	UNKNOWN	16.40	230	J
14.	UNKNOWN	16.77	520	J
15.	UNKNOWN	17.30	660	J
16.	UNKNOWN	17.52	330	J
17.	UNKNOWN	17.67	470	J
18.	UNKNOWN	17.80	700	J
19.	UNKNOWN	18.09	610	J
20.	UNKNOWN	18.55	520	J
21.	UNKNOWN	20.15	660	J
22.	UNKNWON	21.10	660	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP62

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467968

Sample wt/vol: 30.5 (g/mL) G Lab File ID: GD067968C07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 37 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/23/91

Injection Volume: 2.0(uL) Dilution Factor: 20

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	10000	U
111-44-4	bis(2-Chloroethyl)Ether	10000	U
95-57-8	2-Chlorophenol	10000	U
541-73-1	1,3-Dichlorobenzene	10000	U
106-46-7	1,4-Dichlorobenzene	10000	U
95-50-1	1,2-Dichlorobenzene	10000	U
95-48-7	2-Methylphenol	10000	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10000	U
106-44-5	4-Methylphenol	17000	
621-64-7	N-Nitroso-Di-n-Propylamine	10000	U
67-72-1	Hexachloroethane	10000	U
98-95-3	Nitrobenzene	10000	U
78-59-1	Isophorone	10000	U
88-75-5	2-Nitrophenol	10000	U
105-67-9	2,4-Dimethylphenol	10000	U
111-91-1	bis(2-Chloroethoxy)Methane	10000	U
120-83-2	2,4-Dichlorophenol	10000	U
120-82-1	1,2,4-Trichlorobenzene	10000	U
91-20-3	Naphthalene	10000	U
106-47-8	4-Chloroaniline	10000	U
87-68-3	Hexachlorobutadiene	10000	U
59-50-7	4-Chloro-3-Methylphenol	10000	U
91-57-6	2-Methylnaphthalene	1100	J
77-47-4	Hexachlorocyclopentadiene	10000	U
88-06-2	2,4,6-Trichlorophenol	10000	U
95-95-4	2,4,5-Trichlorophenol	25000	U
91-58-7	2-Chloronaphthalene	10000	U
88-74-4	2-Nitroaniline	25000	U
131-11-3	Dimethyl Phthalate	10000	U
208-96-8	Acenaphthylene	10000	U
606-20-2	2,6-Dinitrotoluene	10000	U
99-09-2	3-Nitroaniline	25000	U
83-32-9	Acenaphthene	10000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP62

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467968

Sample wt/vol: 30.5 (g/mL) G Lab File ID: GD067968C07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 37 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/23/91

Injection Volume: 2.0(uL) Dilution Factor: 20

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	25000	U
100-02-7	4-Nitrophenol	25000	U
132-64-9	Dibenzofuran	10000	U
121-14-2	2,4-Dinitrotoluene	10000	U
84-66-2	Diethylphthalate	10000	U
7005-72-3	4-Chlorophenyl-phenylether	10000	U
86-73-7	Fluorene	1400	J
100-01-6	4-Nitroaniline	25000	U
534-52-1	4,6-Dinitro-2-Methylphenol	25000	U
86-30-6	N-Nitrosodiphenylamine (1)	10000	U
101-55-3	4-Bromophenyl-phenylether	10000	U
118-74-1	Hexachlorobenzene	10000	U
87-86-5	Pentachlorophenol	25000	U
85-01-8	Phenanthrene	3000	J
120-12-7	Anthracene	10000	U
86-74-8	Carbazole	10000	U
84-74-2	Di-n-Butylphthalate	7500	J
206-44-0	Fluoranthene	1400	J
129-00-0	Pyrene	1900	J
85-68-7	Butylbenzylphthalate	10000	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
56-55-3	Benzo(a)Anthracene	2600	JX
218-01-9	Chrysene	2600	JX
117-81-7	bis(2-Ethylhexyl)Phthalate	63000	
117-84-0	Di-n-Octyl Phthalate	10000	U
205-99-2	Benzo(b)Fluoranthene	10000	U
207-08-9	Benzo(k)Fluoranthene	10000	U
50-32-8	Benzo(a)Pyrene	10000	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10000	U
53-70-3	Dibenz(a,h)Anthracene	10000	U
191-24-2	Benzo(g,h,i)Perylene	10000	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP62

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467968

Sample wt/vol: 30.5 (g/mL) G Lab File ID: GD067968C07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 37 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 12/23/91

Injection Volume: 2.0(uL) Dilution Factor: 20

GPC Cleanup: (Y/N) Y pH: 7.0

Number TICs found: 22

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	VOA TCL	3.98	47000	J
2.	VOA TCL	4.20	43000	J
3.	UNKNOWN	8.32	16000	J
4.	UNKNOWN HYDROCARBON	9.37	46000	J
5.	UNKNOWN HYDROCARBON	9.84	31000	J
6.	UNKNOWN HYDROCARBON	10.24	23000	J
7.	UNKNOWN HYDROCARBON	10.29	36000	J
8.	UNKNOWN	10.57	33000	J
9.	UNKNOWN	10.64	27000	J
10.	UNKNOWN PHTHALATE	11.04	48000	J
11.	UNKNOWN HYDROCARBON	11.14	23000	J
12.	UNKNOWN HYDROCARBON	11.55	33000	J
13.	UNKNOWN HYDROCARBON	11.67	44000	J
14.	UNKNOWN	11.92	41000	J
15.	UNKNOWN HYDROCARBON	12.29	54000	J
16.	UNKNOWN HYDROCARBON	12.65	81000	J
17.	UNKNOWN HYDROCARBON	13.00	31000	J
18.	UNKNOWN	13.22	34000	J
19.	TRIS(METHYLPHENYL)ESTER PHOS	13.47	62000	J
20.	UNKNOWN	13.55	53000	J
21.	UNKNOWN	13.65	70000	J
22.	UNKNOWN	13.80	69000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP63

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467969

Sample wt/vol: 30.5 (g/mL) G Lab File ID: GD067969A07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 32 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/92

Injection Volume: 2.0(uL) Dilution Factor: 15

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	7200	U
111-44-4	bis(2-Chloroethyl)Ether	7200	U
95-57-8	2-Chlorophenol	7200	U
541-73-1	1,3-Dichlorobenzene	7200	U
106-46-7	1,4-Dichlorobenzene	7200	U
95-50-1	1,2-Dichlorobenzene	7200	U
95-48-7	2-Methylphenol	7200	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	7200	U
106-44-5	4-Methylphenol	7200	U
621-64-7	N-Nitroso-Di-n-Propylamine	7200	U
67-72-1	Hexachloroethane	7200	U
98-95-3	Nitrobenzene	7200	U
78-59-1	Isophorone	7200	U
88-75-5	2-Nitrophenol	7200	U
105-67-9	2,4-Dimethylphenol	7200	U
111-91-1	bis(2-Chloroethoxy)Methane	7200	U
120-83-2	2,4-Dichlorophenol	7200	U
120-82-1	1,2,4-Trichlorobenzene	7200	U
91-20-3	Naphthalene	7200	U
106-47-8	4-Chloroaniline	7200	U
87-68-3	Hexachlorobutadiene	7200	U
59-50-7	4-Chloro-3-Methylphenol	7200	U
91-57-6	2-Methylnaphthalene	7200	U
77-47-4	Hexachlorocyclopentadiene	7200	U
88-06-2	2,4,6-Trichlorophenol	7200	U
95-95-4	2,4,5-Trichlorophenol	17000	U
91-58-7	2-Chloronaphthalene	7200	U
88-74-4	2-Nitroaniline	17000	U
131-11-3	Dimethyl Phthalate	7200	U
208-96-8	Acenaphthylene	7200	U
606-20-2	2,6-Dinitrotoluene	7200	U
99-09-2	3-Nitroaniline	17000	U
83-32-9	Acenaphthene	7200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP63

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467969

Sample wt/vol: 30.5 (g/mL) G Lab File ID: GD067969A07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 32 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/92

Injection Volume: 2.0(uL) Dilution Factor: 15

GPC Cleanup: (Y/N) Y pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	17000	U
100-02-7	4-Nitrophenol	17000	U
132-64-9	Dibenzofuran	7200	U
121-14-2	2,4-Dinitrotoluene	7200	U
84-66-2	Diethylphthalate	7200	U
7005-72-3	4-Chlorophenyl-phenylether	7200	U
86-73-7	Fluorene	7200	U
100-01-6	4-Nitroaniline	17000	U
534-52-1	4,6-Dinitro-2-Methylphenol	17000	U
86-30-6	N-Nitrosodiphenylamine (1)	7200	U
101-55-3	4-Bromophenyl-phenylether	7200	U
118-74-1	Hexachlorobenzene	7200	U
87-86-5	Pentachlorophenol	17000	U
85-01-8	Phenanthrene	7200	U
120-12-7	Anthracene	7200	U
86-74-8	Carbazole	7200	U
84-74-2	Di-n-Butylphthalate	7200	U
206-44-0	Fluoranthene	7200	U
129-00-0	Pyrene	7200	U
85-68-7	Butylbenzylphthalate	7200	U
91-94-1	3,3'-Dichlorobenzidine	7200	U
56-55-3	Benzo(a)Anthracene	7200	U
218-01-9	Chrysene	7200	U
117-81-7	bis(2-Ethylhexyl)Phthalate	7200	U
117-84-0	Di-n-Octyl Phthalate	7200	U
205-99-2	Benzo(b)Fluoranthene	7200	U
207-08-9	Benzo(k)Fluoranthene	7200	U
50-32-8	Benzo(a)Pyrene	7200	U
193-39-5	Indeno(1,2,3-cd)Pyrene	7200	U
53-70-3	Dibenz(a,h)Anthracene	7200	U
191-24-2	Benzo(g,h,i)Perylene	7200	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP63

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467969

Sample wt/vol: 30.5 (g/mL) G Lab File ID: GD067969A07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 32 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/10/92

Injection Volume: 2.0(uL) Dilution Factor: 15

GPC Cleanup: (Y/N) Y pH: 7.3

mber TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.20	2900	J
2.	UNKNOWN ALKANE	8.89	13000	J
3.	UNKNOWN	9.19	43000	J
4.	UNKNOWN HYDROCARBON	9.39	1400	J
5.	UNKNOWN	9.64	3600	J
6.	UNKNOWN HYDROCARBON	9.80	13000	J
7.	UNKNOWN	10.12	270000	J
8.	UNKNOWN	10.40	2200	J
9.	UNKNOWN	10.50	7200	J
10.	UNKNOWN HYDROCARBON	10.64	22000	J
11.	UNKNOWN	10.94	250000	J
12.	UNKNOWN HYDROCARBON	11.40	3600	J
13.	UNKNOWN	11.65	14000	J
14.	UNKNOWN HYDROCARBON	12.12	2200	J
15.	UNKNOWN HYDROCARBON	12.79	2200	J
16.	UNKNOWN	13.44	29000	J
17.	UNKNOWN	13.52	3600	J
18.	UNKNOWN	13.60	38000	J
19.	UNKNOWN	13.79	2200	J
20.	UNKNOWN	14.12	2900	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP64

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467970

Sample wt/vol: 30.3 (g/mL) G Lab File ID: G2D67970C07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/92

Injection Volume: 2.0(uL) Dilution Factor: 20

GPC Cleanup: (Y/N) Y pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	8700	U
111-44-4	bis(2-Chloroethyl)Ether	8700	U
95-57-8	2-Chlorophenol	8700	U
541-73-1	1,3-Dichlorobenzene	8700	U
106-46-7	1,4-Dichlorobenzene	8700	U
95-50-1	1,2-Dichlorobenzene	8700	U
95-48-7	2-Methylphenol	8700	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	8700	U
106-44-5	4-Methylphenol	8700	U
621-64-7	N-Nitroso-Di-n-Propylamine	8700	U
67-72-1	Hexachloroethane	8700	U
98-95-3	Nitrobenzene	8700	U
78-59-1	Isophorone	8700	U
88-75-5	2-Nitrophenol	8700	U
105-67-9	2,4-Dimethylphenol	8700	U
111-91-1	bis(2-Chloroethoxy)Methane	8700	U
120-83-2	2,4-Dichlorophenol	8700	U
120-82-1	1,2,4-Trichlorobenzene	8700	U
91-20-3	Naphthalene	8700	U
106-47-8	4-Chloroaniline	8700	U
87-68-3	Hexachlorobutadiene	8700	U
59-50-7	4-Chloro-3-Methylphenol	8700	U
91-57-6	2-Methylnaphthalene	8700	U
77-47-4	Hexachlorocyclopentadiene	8700	U
88-06-2	2,4,6-Trichlorophenol	8700	U
95-95-4	2,4,5-Trichlorophenol	21000	U
91-58-7	2-Chloronaphthalene	8700	U
88-74-4	2-Nitroaniline	21000	U
131-11-3	Dimethyl Phthalate	8700	U
208-96-8	Acenaphthylene	8700	U
606-20-2	2,6-Dinitrotoluene	8700	U
99-09-2	3-Nitroaniline	21000	U
83-32-9	Acenaphthene	8700	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP64

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467970

Sample wt/vol: 30.3 (g/mL) G Lab File ID: G2D67970C07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/92

Injection Volume: 2.0(uL) Dilution Factor: 20

GPC Cleanup: (Y/N) Y pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	21000	U
100-02-7	4-Nitrophenol	21000	U
132-64-9	Dibenzofuran	8700	U
121-14-2	2,4-Dinitrotoluene	8700	U
84-66-2	Diethylphthalate	8700	U
7005-72-3	4-Chlorophenyl-phenylether	8700	U
86-73-7	Fluorene	8700	U
100-01-6	4-Nitroaniline	21000	U
534-52-1	4,6-Dinitro-2-Methylphenol	21000	U
86-30-6	N-Nitrosodiphenylamine (1)	8700	U
101-55-3	4-Bromophenyl-phenylether	8700	U
118-74-1	Hexachlorobenzene	8700	U
87-86-5	Pentachlorophenol	21000	U
85-01-8	Phenanthrene	8700	U
120-12-7	Anthracene	8700	U
86-74-8	Carbazole	8700	U
84-74-2	Di-n-Butylphthalate	8700	U
206-44-0	Fluoranthene	1500	J
129-00-0	Pyrene	8700	U
85-68-7	Butylbenzylphthalate	8700	U
91-94-1	3,3'-Dichlorobenzidine	8700	U
56-55-3	Benzo(a)Anthracene	8700	U
218-01-9	Chrysene	8700	U
117-81-7	bis(2-Ethylhexyl)Phthalate	9700	
117-84-0	Di-n-Octyl Phthalate	8700	U
205-99-2	Benzo(b)Fluoranthene	8700	U
207-08-9	Benzo(k)Fluoranthene	8700	U
50-32-8	Benzo(a)Pyrene	8700	U
193-39-5	Indeno(1,2,3-cd)Pyrene	8700	U
53-70-3	Dibenz(a,h)Anthracene	8700	U
191-24-2	Benzo(g,h,i)Perylene	8700	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CJP64

Lab Name: COMPUCHEM,RTP Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: _____ SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467970

Sample wt/vol: 30.3 (g/mL) G Lab File ID: G2D67970C07

Level: (low/med) LOW Date Received: 12/06/91

% Moisture: 25 decanted: (Y/N) N Date Extracted: 12/11/91

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 01/11/92

Injection Volume: 2.0(uL) Dilution Factor: 20

GPC Cleanup: (Y/N) Y pH: 6.9

.mber TICs found: 20

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	10.27	9700	J
2.	UNKNOWN	11.15	16000	J
3.	UNKNOWN	11.40	11000	J
4.	UNKNOWN	11.50	18000	J
5.	UNKNOWN	11.57	29000	J
6.	UNKNOWN	11.82	13000	J
7.	UNKNOWN	11.87	16000	J
8.	UNKNOWN	11.97	11000	J
9.	UNKNOWN	12.07	9700	J
10.	UNKNOWN	12.19	8800	J
11.	UNKNOWN	12.22	11000	J
12.	UNKNOWN HYDROCARBON	12.37	12000	J
13.	UNKNOWN	12.52	17000	J
14.	UNKNOWN	12.62	8800	J
15.	UNKNOWN	12.99	13000	J
16.	UNKNOWN	13.47	8800	J
17.	UNKNOWN	13.82	7900	J
18.	UNKNOWN	14.80	8800	J
19.	UNKNOWN	16.37	11000	J
20.	UNKNOWN	17.09	26000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP21

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467926

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP22

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467936

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP23

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467937

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP24

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467938

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP25

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467939

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP53

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467959

Sample wt/vol: 30.40 (g/ml) G Lab File ID:

% Moisture: 26 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/19/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.3	U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	0.46	JP
58-89-9	gamma-BHC (Lindane)	2.3	U
76-44-8	Heptachlor	0.20	JPB
309-00-2	Aldrin	2.3	U
1024-57-3	Heptachlor epoxide	2.3	U
959-98-8	Endosulfan I	2.3	U
60-57-1	Dieldrin	4.4	U
72-55-9	4,4'-DDE	4.4	U
72-20-8	Endrin	4.4	U
33213-65-9	Endosulfan II	1.3	JP
72-54-8	4,4'-DDD	0.66	JPB
1031-07-8	Endosulfan sulfate	4.4	U
50-29-3	4,4'-DDT	4.4	U
72-43-5	Methoxychlor	23	U
53494-70-5	Endrin ketone	4.4	U
7421-93-4	Endrin aldehyde	4.4	U
5103-71-9	alpha-Chlordane	2.3	U
5103-74-2	gamma-Chlordane	2.3	U
8001-35-2	Toxaphene	230	U
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	44	U
11096-82-5	Aroclor-1260	44	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP54

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467960

Sample wt/vol: 30.30 (g/ml) G Lab File ID:

% Moisture: 24 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/19/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	0.36	JP
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	0.28	JP
1024-57-3	Heptachlor epoxide	0.73	JP
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.3	U
72-55-9	4,4'-DDE	0.42	JP
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4'-DDD	4.3	U
1031-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4'-DDT	0.43	JP
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-93-4	Endrin aldehyde	1.1	JP
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	0.21	JP
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP55

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467961

Sample wt/vol: 30.20 (g/ml) G Lab File ID:

% Moisture: 24 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/19/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 7.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	3.2	P
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	0.26	JP
1024-57-3	Heptachlor epoxide	0.85	JP
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.3	U
72-55-9	4,4'-DDE	4.3	U
72-20-8	Endrin	2.1	JP
33213-65-9	Endosulfan II	0.42	JP
72-54-8	4,4'-DDD	1.5	JPB
1031-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4'-DDT	1.4	JP
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-93-4	Endrin aldehyde	3.8	JP
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	0.14	JP
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	88	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP56

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467962

Sample wt/vol: 30.40 (g/ml) G Lab File ID:

% Moisture: 37 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/19/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 6.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.7	U
319-85-7	beta-BHC	2.7	U
319-86-8	delta-BHC	2.8	P
58-89-9	gamma-BHC (Lindane)	2.7	U
76-44-8	Heptachlor	0.27	JPB
309-00-2	Aldrin	2.7	U
1024-57-3	Heptachlor epoxide	1.0	JP
959-98-8	Endosulfan I	2.7	U
60-57-1	Dieldrin	5.2	U
72-55-9	4,4'-DDE	0.25	JP
72-20-8	Endrin	1.8	JP
33213-65-9	Endosulfan II	0.55	J
72-54-8	4,4'-DDD	5.2	U
1031-07-8	Endosulfan sulfate	5.2	U
50-29-3	4,4'-DDT	5.2	U
72-43-5	Methoxychlor	27	U
53494-70-5	Endrin ketone	4.9	JP
7421-93-4	Endrin aldehyde	2.2	JP
5103-71-9	alpha-Chlordane	2.7	U
5103-74-2	gamma-Chlordane	0.43	JP
8001-35-2	Toxaphene	270	U
12674-11-2	Aroclor-1016	52	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	52	U
53469-21-9	Aroclor-1242	52	U
12672-29-6	Aroclor-1248	52	U
11097-69-1	Aroclor-1254	52	U
11096-82-5	Aroclor-1260	52	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP57

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467963

Sample wt/vol: 30.20 (g/ml) G Lab File ID:

% Moisture: 30 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/18/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.4	U
319-85-7	beta-BHC	2.4	U
319-86-8	delta-BHC	5.0	P
58-89-9	gamma-BHC (Lindane)	2.4	U
76-44-8	Heptachlor	2.4	U
309-00-2	Aldrin	2.4	U
1024-57-3	Heptachlor epoxide	1.2	JP
959-98-8	Endosulfan I	2.4	U
60-57-1	Dieldrin	4.7	U
72-55-9	4,4'-DDE	0.95	JP
72-20-8	Endrin	4.7	U
33213-65-9	Endosulfan II	3.7	JP
72-54-8	4,4'-DDD	4.7	U
1031-07-8	Endosulfan sulfate	4.7	U
50-29-3	4,4'-DDT	2.9	JP
72-43-5	Methoxychlor	24	U
53494-70-5	Endrin ketone	0.72	JP
7421-93-4	Endrin aldehyde	23	P
5103-71-9	alpha-Chlordane	3.4	P
5103-74-2	gamma-Chlordane	0.69	JP
8001-35-2	Toxaphene	240	U
12674-11-2	Aroclor-1016	47	U
11104-28-2	Aroclor-1221	95	U
11141-16-5	Aroclor-1232	47	U
53469-21-9	Aroclor-1242	47	U
12672-29-6	Aroclor-1248	47	U
11097-69-1	Aroclor-1254	47	U
11096-82-5	Aroclor-1260	47	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP58

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467964

Sample wt/vol: 30.30 (g/ml) G Lab File ID:

% Moisture: 39 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/18/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 7.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.8	U
319-85-7	beta-BHC	2.8	U
319-86-8	delta-BHC	1.1	JP
58-89-9	gamma-BHC (Lindane)	2.8	U
76-44-8	Heptachlor	2.8	U
309-00-2	Aldrin	2.8	U
1024-57-3	Heptachlor epoxide	0.44	JP
959-98-8	Endosulfan I	2.8	U
60-57-1	Dieldrin	0.80	JP
72-55-9	4,4'-DDE	5.4	U
72-20-8	Endrin	5.4	U
33213-65-9	Endosulfan II	5.4	U
72-54-8	4,4'-DDD	5.4	U
1031-07-8	Endosulfan sulfate	5.4	U
50-29-3	4,4'-DDT	5.4	U
72-43-5	Methoxychlor	28	U
53494-70-5	Endrin ketone	5.4	U
7421-93-4	Endrin aldehyde	0.93	JP
5103-71-9	alpha-Chlordane	2.8	U
5103-74-2	gamma-Chlordane	1.2	JP
8001-35-2	Toxaphene	280	U
12674-11-2	Aroclor-1016	54	U
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	54	U
53469-21-9	Aroclor-1242	54	U
12672-29-6	Aroclor-1248	54	U
11097-69-1	Aroclor-1254	54	U
11096-82-5	Aroclor-1260	54	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP59

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467965

Sample wt/vol: 30.10 (g/ml) G Lab File ID:

% Moisture: 22 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/18/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 7.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	17	P
319-86-8	delta-BHC	1.3	J
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	10	P
959-98-8	Endosulfan I	4.0	P
60-57-1	Dieldrin	4.2	U
72-55-9	4,4'-DDE	0.48	JP
72-20-8	Endrin	7.4	P
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4'-DDD	19	B
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	7.8	P
72-43-5	Methoxychlor	1.4	JP
53494-70-5	Endrin ketone	26	P
7421-93-4	Endrin aldehyde	21	P
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.8	P
8001-35-2	Toxaphene	220	U
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP60

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467966

Sample wt/vol: 30.30 (g/ml) G Lab File ID:

% Moisture: 21 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/18/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	1.5	JP
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4'-DDT	4.1	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	1.0	JP
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

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EPA SAMPLE NO.

CJP61

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467967

Sample wt/vol: 30.20 (g/ml) G Lab File ID:

% Moisture: 29 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/18/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.4	U
319-85-7	beta-BHC	2.4	U
319-86-8	delta-BHC	2.4	U
58-89-9	gamma-BHC (Lindane)	2.4	U
76-44-8	Heptachlor	2.4	U
309-00-2	Aldrin	2.4	U
1024-57-3	Heptachlor epoxide	2.4	U
959-98-8	Endosulfan I	2.4	U
60-57-1	Dieldrin	4.6	U
72-55-9	4,4'-DDE	4.6	U
72-20-8	Endrin	4.6	U
33213-65-9	Endosulfan II	4.6	U
72-54-8	4,4'-DDD	4.6	U
1031-07-8	Endosulfan sulfate	4.6	U
50-29-3	4,4'-DDT	4.6	U
72-43-5	Methoxychlor	24	U
53494-70-5	Endrin ketone	4.6	U
7421-93-4	Endrin aldehyde	4.6	U
5103-71-9	alpha-Chlordane	2.4	U
5103-74-2	gamma-Chlordane	2.4	U
8001-35-2	Toxaphene	240	U
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	94	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	46	U
11096-82-5	Aroclor-1260	46	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP62

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467968 D51

Sample wt/vol: 30.10 (g/ml) G Lab File ID:

% Moisture: 37 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/19/91

Injection Volume: 1.0 (uL) Dilution Factor: 50

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	130	U
319-85-7	beta-BHC	110	JP
319-86-8	delta-BHC	130	U
58-89-9	gamma-BHC (Lindane)	130	U
76-44-8	Heptachlor	130	U
309-00-2	Aldrin	130	JP
1024-57-3	Heptachlor epoxide	130	JP
959-98-8	Endosulfan I	130	U
60-57-1	Dieldrin	37	JP
72-55-9	4,4'-DDE	31	JP
72-20-8	Endrin	260	U
33213-65-9	Endosulfan II	260	U
72-54-8	4,4'-DDD	260	U
1031-07-8	Endosulfan sulfate	200	JP
50-29-3	4,4'-DDT	230	JP
72-43-5	Methoxychlor	130	JP
53494-70-5	Endrin ketone	260	U
7421-93-4	Endrin aldehyde	190	JP
5103-71-9	alpha-Chlordane	130	U
5103-74-2	gamma-Chlordane	69	JP
8001-35-2	Toxaphene	13000	U
12674-11-2	Aroclor-1016	2600	U
11104-28-2	Aroclor-1221	5300	U
11141-16-5	Aroclor-1232	2600	U
53469-21-9	Aroclor-1242	2600	U
12672-29-6	Aroclor-1248	2600	U
11097-69-1	Aroclor-1254	2600	U
11096-82-5	Aroclor-1260	2600	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP63

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467969

Sample wt/vol: 30.20 (g/ml) G Lab File ID:

% Moisture: 32 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/19/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 7.3 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.5	U
319-85-7	beta-BHC	2.5	U
319-86-8	delta-BHC	2.5	U
58-89-9	gamma-BHC (Lindane)	2.5	U
76-44-8	Heptachlor	2.5	U
309-00-2	Aldrin	2.5	U
1024-57-3	Heptachlor epoxide	1.5	JP
959-98-8	Endosulfan I	1.2	JP
60-57-1	Dieldrin	4.8	U
72-55-9	4,4'-DDE	8.7	
72-20-8	Endrin	4.8	U
33213-65-9	Endosulfan II	16	P
72-54-8	4,4'-DDD	2.5	JB
1031-07-8	Endosulfan sulfate	1.5	JP
50-29-3	4,4'-DDT	4.4	JP
72-43-5	Methoxychlor	25	U
53494-70-5	Endrin ketone	4.8	U
7421-93-4	Endrin aldehyde	4.0	JP
5103-71-9	alpha-Chlordane	2.5	U
5103-74-2	gamma-Chlordane	0.51	JP
8001-35-2	Toxaphene	250	U
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	98	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP64

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467970

Sample wt/vol: 30.20 (g/ml) G Lab File ID: PC067970A04

% Moisture: 25 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/18/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.3	U
319-85-7	beta-BHC	2.3	U
319-86-8	delta-BHC	0.27	JP
58-89-9	gamma-BHC (Lindane)	2.3	U
76-44-8	Heptachlor	2.3	U
309-00-2	Aldrin	2.3	U
1024-57-3	Heptachlor epoxide	2.3	U
959-98-8	Endosulfan I	2.3	U
60-57-1	Dieldrin	4.4	U
72-55-9	4,4'-DDE	4.4	U
72-20-8	Endrin	4.4	U
33213-65-9	Endosulfan II	4.4	U
72-54-8	4,4'-DDD	4.4	U
1031-07-8	Endosulfan sulfate	4.4	U
50-29-3	4,4'-DDT	4.4	U
72-43-5	Methoxychlor	46	P
53494-70-5	Endrin ketone	4.4	U
7421-93-4	Endrin aldehyde	4.4	U
5103-71-9	alpha-Chlordane	2.3	U
5103-74-2	gamma-Chlordane	2.3	U
8001-35-2	Toxaphene	230	U
12674-11-2	Aroclor-1016	44	U
11104-28-2	Aroclor-1221	89	U
11141-16-5	Aroclor-1232	44	U
53469-21-9	Aroclor-1242	44	U
12672-29-6	Aroclor-1248	44	U
11097-69-1	Aroclor-1254	6200	PX
11096-82-5	Aroclor-1260	44	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP26

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467940

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP27

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467941

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP28

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467942

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP29

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467943

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP30

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467944

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.0090	JP
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP66

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP21

Matrix: (soil/water) WATER Lab Sample ID: 467946

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

% Moisture: decanted: (Y/N) Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/10/91

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/11/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP38

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467947

Sample wt/vol: 30.00 (g/ml) G Lab File ID:

% Moisture: 36 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/19/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 7.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.7	U
319-85-7	beta-BHC	2.7	U
319-86-8	delta-BHC	0.64	JP
58-89-9	gamma-BHC (Lindane)	2.7	U
76-44-8	Heptachlor	0.61	JPB
309-00-2	Aldrin	2.7	U
1024-57-3	Heptachlor epoxide	2.7	U
959-98-8	Endosulfan I	1.4	J
60-57-1	Dieldrin	5.2	U
72-55-9	4,4'-DDE	0.39	JP
72-20-8	Endrin	5.2	U
33213-65-9	Endosulfan II	5.2	U
72-54-8	4,4'-DDD	7.2	PB
1031-07-8	Endosulfan sulfate	5.2	U
50-29-3	4,4'-DDT	5.2	U
72-43-5	Methoxychlor	27	U
53494-70-5	Endrin ketone	5.2	U
7421-93-4	Endrin aldehyde	2.2	JP
5103-71-9	alpha-Chlordane	2.7	U
5103-74-2	gamma-Chlordane	2.7	U
8001-35-2	Toxaphene	270	U
12674-11-2	Aroclor-1016	52	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	52	U
53469-21-9	Aroclor-1242	52	U
12672-29-6	Aroclor-1248	52	U
11097-69-1	Aroclor-1254	52	U
11096-82-5	Aroclor-1260	52	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CJP52

Lab Name: COMPUCHEM LABORATORIES Contract: 68D00159

Lab Code: COMPU Case No.: 17514 SAS No.: SDG No.: CJP38

Matrix: (soil/water) SOIL Lab Sample ID: 467957

Sample wt/vol: 30.10 (g/ml) G Lab File ID:

% Moisture: 30 decanted: (Y/N) N Date Received: 12/06/91

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/10/91

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 12/19/91

Injection Volume: 1.0 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) Y pH: 7.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.4	U
319-85-7	beta-BHC	2.4	U
319-86-8	delta-BHC	0.52	J
58-89-9	gamma-BHC (Lindane)	2.4	U
76-44-8	Heptachlor	0.25	JPB
309-00-2	Aldrin	2.4	U
1024-57-3	Heptachlor epoxide	2.4	U
959-98-8	Endosulfan I	2.4	U
60-57-1	Dieldrin	4.7	U
72-55-9	4,4'-DDE	4.7	U
72-20-8	Endrin	4.7	U
33213-65-9	Endosulfan II	5.4	P
72-54-8	4,4'-DDD	4.7	U
1031-07-8	Endosulfan sulfate	4.7	U
50-29-3	4,4'-DDT	0.81	JP
72-43-5	Methoxychlor	24	U
53494-70-5	Endrin ketone	4.7	U
7421-93-4	Endrin aldehyde	4.7	U
5103-71-9	alpha-Chlordane	2.4	U
5103-74-2	gamma-Chlordane	2.4	U
8001-35-2	Toxaphene	240	U
12674-11-2	Aroclor-1016	47	U
11104-28-2	Aroclor-1221	95	U
11141-16-5	Aroclor-1232	47	U
53469-21-9	Aroclor-1242	47	U
12672-29-6	Aroclor-1248	47	U
11097-69-1	Aroclor-1254	47	U
11096-82-5	Aroclor-1260	47	U

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MCJP20

Lab Name: ITAS_PITTSBURGH Contract: 68-D9-0087

Lab Code: ITPA Case No.: 17514 SAS No.: _____ SDG No.: MCJP20

Matrix (soil/water): WATER Lab Sample ID: MCJP20

Level (low/med): LOW Date Received: 12/06/91

% 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	22.0	U		P
7440-36-0	Antimony	11.0	U		P
7440-38-2	Arsenic	16.0			F
7440-39-3	Barium	55.3	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	2.0	U	N	P
7440-70-2	Calcium	90700			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	3.0	U		P
7439-89-6	Iron	114			P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	23200			P
7439-96-5	Manganese	14.5	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1190	B		P
7782-49-2	Selenium	2.0	U		F
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	19600			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	12.6	B		P
	Cyanide	2.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MCJP21

Lab Name: ITAS_PITTSBURGH Contract: 68-D9-0087

Lab Code: ITPA Case No.: 17514 SAS No.: _____ SDG No.: MCJP20

Matrix (soil/water): WATER Lab Sample ID: MCJP21

Level (low/med): LOW Date Received: 12/06/91

% 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	22.0	U		P
7440-36-0	Antimony	11.0	U		P
7440-38-2	Arsenic	3.0	B		F
7440-39-3	Barium	135	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	2.0	U	N	P
7440-70-2	Calcium	50100			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	7.9	B		P
7439-89-6	Iron	17.3	B		P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	18600			P
7439-96-5	Manganese	1.0	U		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1190	B		P
7782-49-2	Selenium	2.0	U		F
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	11400			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	63.2			P
	Cyanide	2.0	U		AS

Color Before: COLORLESS Clarity Before: CLOUDY Texture: _____

Color After: COLORLESS Clarity After: CLOUDY Artifacts: _____

Comments:

U.S. EPA - CLP

000005

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MCJP22

Lab Name: ITAS_PITTSBURGH Contract: 68-D9-0087

Lab Code: ITPA Case No.: 17514 SAS No.: SDG No.: MCJP20

Matrix (soil/water): WATER Lab Sample ID: MCJP22

Level (low/med): LOW Date Received: 12/06/91

% 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	22.0	U		P
7440-36-0	Antimony	11.0	U		P
7440-38-2	Arsenic	3.0	B		F
7440-39-3	Barium	149	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	2.0	U	N	P
7440-70-2	Calcium	52300			P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	39.5			P
7439-89-6	Iron	127			P
7439-92-1	Lead	2.0	B		F
7439-95-4	Magnesium	18200			P
7439-96-5	Manganese	2.1	B		P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	5.0	U		P
7440-09-7	Potassium	1220	B		P
7782-49-2	Selenium	2.0	U		F
7440-22-4	Silver	3.0	U		P
7440-23-5	Sodium	22700			P
7440-28-0	Thallium	1.0	U		F
7440-62-2	Vanadium	4.0	U		P
7440-66-6	Zinc	137			P
	Cyanide	2.0	U		AS

Color Before: COLORLESS Clarity Before: CLOUDY Texture:

Color After: COLORLESS Clarity After: CLOUDY Artifacts:

Comments:

ORIGINAL (Red)

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MCJP23

Lab Name: ITAS_PITTSBURGH_____ Contract: 68-D9-0087

Lab Code: ITPA__ Case No.: 17514 SAS No.: _____ SDG No.: MCJP20

Matrix (soil/water): WATER Lab Sample ID: MCJP23____

Level (low/med): LOW__ Date Received: 12/06/91

% 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_	304	_		P_
7440-36-0	Antimony_	11.0	U		P_
7440-38-2	Arsenic__	2.0	U		F_
7440-39-3	Barium___	42.5	B		P_
7440-41-7	Beryllium	1.0	U		P_
7440-43-9	Cadmium__	2.0	U	N	P_
7440-70-2	Calcium__	28000	_		P_
7440-47-3	Chromium_	4.0	U		P_
7440-48-4	Cobalt___	4.0	U		P_
7440-50-8	Copper___	5.7	B		P_
7439-89-6	Iron_____	464	_		P_
7439-92-1	Lead_____	2.1	B		F_
7439-95-4	Magnesium	9620	_		P_
7439-96-5	Manganese	561	_		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	5.0	U		P_
7440-09-7	Potassium	2640	B		P_
7782-49-2	Selenium_	2.0	U		F_
7440-22-4	Silver___	3.0	U		P_
7440-23-5	Sodium___	11400	_		P_
7440-28-0	Thallium_	1.0	U		F_
7440-62-2	Vanadium_	4.0	U		P_
7440-66-6	Zinc_____	20.4	_		P_
_____	Cyanide__	2.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MCJP24

Lab Name: ITAS_PITTSBURGH_____ Contract: 68-D9-0087

Lab Code: ITPA__ Case No.: 17514 SAS No.: _____ SDG No.: MCJP20

Matrix (soil/water): WATER Lab Sample ID: MCJP24____

Level (low/med): LOW__ Date Received: 12/06/91

% 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_	531	_		P_
7440-36-0	Antimony_	11.0	U		P_
7440-38-2	Arsenic__	2.0	B		F_
7440-39-3	Barium___	60.7	B		P_
7440-41-7	Beryllium	1.0	U		P_
7440-43-9	Cadmium__	2.0	U	N	P_
7440-70-2	Calcium__	34300	_		P_
7440-47-3	Chromium_	4.0	U		P_
7440-48-4	Cobalt___	4.0	U		P_
7440-50-8	Copper___	47.4	_		P_
7439-89-6	Iron_____	1970	_		P_
7439-92-1	Lead_____	6.7	_		F_
7439-95-4	Magnesium	11900	_		P_
7439-96-5	Manganese	666	_		P_
7439-97-6	Mercury__	0.20	U		CV
7440-02-0	Nickel___	7.4	B		P_
7440-09-7	Potassium	2690	B		P_
7782-49-2	Selenium_	2.0	U		F_
7440-22-4	Silver___	3.0	U		P_
7440-23-5	Sodium___	13400	_		P_
7440-28-0	Thallium_	1.0	U		F_
7440-62-2	Vanadium_	10.9	B		P_
7440-66-6	Zinc_____	180	_		P_
_____	Cyanide__	2.0	U		AS

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments: