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109345

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS: 8-557-2490

EPA SAMPLE NO.
MW-1

DATE 7/29/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: COMPUCHEM LABORATORIES

CASE NO: 164104 14538

SOW NO: 785

Lab Receipt Date 07/08/88

LAB SAMPLE ID. NO. 205598

QC REPORT NO 145380

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM

MATRIX: WATER XXX SOIL SLUDGE OTHER

(ug/l)or mg/kg DRY WEIGHT (circle one)

1.	Aluminum	1230		P	13.	Magnesium	[1390]	E	P
2.	Antimony	25U		P	14.	Manganese	115		P
3.	Arsenic	[3.2]		F	15.	Mercury	.20U	N	CV
4.	Barium	[4.8]		P	16.	Nickel	26U		P
5.	Beryllium	1.5U		P	17.	Potassium	2300U		P
6.	Cadmium	4.1U		P	18.	Selenium	22U	E	F
7.	Calcium	12500		P	19.	Silver	4.4U		P
8.	Chromium	5.0U		P	20.	Sodium	[1570]	E	P
9.	Cobalt	3.9U		P	21.	Thallium	1.8U		F
10.	Copper	[19]	N	P	22.	Vanadium	2.6U		P
11.	Iron	1700		P	23.	Zinc	92		P
12.	Lead	[4.0]		F					

Cyanide 10U

Percent Solids(%)

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: BEIGE

LAB MANAGER BH Polakowski

C

AR302102

FORM I

Client Sample No.
MW-1F

DATE 8/10/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: CompuChem Laboratories

CASE NO: 164104 14888

SOW NO: 785

Lab Receipt Date 07/20/88

LAB SAMPLE ID. NO. 207693

QC REPORT NO 14888A

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM

MATRIX: WATER XXX SOIL SLUDGE OTHER

UNITS: ug/l

1.	Aluminum	27U	P	13.	Magnesium	[1160]		P
2.	Antimony	33U	P	14.	Manganese	.30U		P
3.	Arsenic	[1.8]	F	15.	Mercury	.20U	N	CV
4.	Barium	[1.1]	P	16.	Nickel	34U		P
5.	Beryllium	.29U	P	17.	Potassium	1770U		P
6.	Cadmium	4.0U	P	18.	Selenium	2.0UJ	N	F
7.	Calcium	12100	P	19.	Silver	9.4U		P
8.	Chromium	8.1U	P	20.	Sodium	[1330]		P
9.	Cobalt	2.4U	P	21.	Thallium	1.9U		F
10.	Copper	[15]	P	22.	Vanadium	3.2U		P
11.	Iron	5.0U	P	23.	Zinc	[7.1]		P
12.	Lead	2.2U	F					

Cyanide

Percent Solids(%)

Footnotes: For reporting results, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER Bill Rehbach

C

AR302103

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: COMPUCHEM LABORATORIES Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 734

Matrix: (soil/water) WATER Lab Sample ID: 205589

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

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

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

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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205589

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH005589A20

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

AR302105

FORM I SV-1 1/87 Rev.

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205589

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH005589A20

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	30 ~~20~~	~~U~~ U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

AR302106

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-1

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205589

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH005589A20

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	26.67	26	J

FORM I SV-TIC

AR302107

4/87 Rev.

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-1

Lab Name: COMPUCHEM LABS Contract: (10-86)REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 742

Matrix: (soil/water) WATER Lab Sample ID: 206131

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN006131C11

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ Date Analyzed: 07/14/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

AR302108

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: COMPUCHEM LABS Contract: (10-86)REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 742

Matrix: (soil/water) WATER Lab Sample ID: 206131

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN006131C11

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ Date Analyzed: 07/14/88

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	130 ~~5~~	~~BJ~~ U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

FORM I VOA

COMPLETE DATA PACKAGE

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS: 8-557-2490

EPA SAMPLE NO.
MW-2

DATE 7/29/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: COMPUCHEM LABORATORIES

CASE NO: 164104 14538

SOW NO: 785

Lab Receipt Date 07/11/88

LAB SAMPLE ID. NO. 206113

QC REPORT NO 145380

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

(ug/l)or mg/kg DRY WEIGHT (circle one)

	Aluminum	373		P	13.	Magnesium	150U	E	P
	Antimony	25U		P	14.	Manganese	62		P
3.	Arsenic	[5.7]		F	15.	Mercury	.20U	N	CV
4.	Barium	[4.6]		P	16.	Nickel	26U		P
5.	Beryllium	1.5U		P	17.	Potassium	2300U		P
6.	Cadmium	4.1U		P	18.	Selenium	11U	E	F
7.	Calcium	[1310]		P	19.	Silver	4.4U		P
8.	Chromium	11		P	20.	Sodium	49300	E	P
9.	Cobalt	3.9U		P	21.	Thallium	1.8U		F
10.	Copper	38	N	P	22.	Vanadium	2.6U		P
11.	Iron	515		P	23.	Zinc	59		P
12.	Lead	23		F					

Cyanide 10U

Percent Solids(%) _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: BRWN

LAB MANAGER BHRohrbach

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AR302110

FORM I

Client Sample No.
MW-2F

DATE 8/10/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: CompuChem Laboratories

CASE NO: 164104 14888

SOW NO: 785

Lab Receipt Date 07/20/88

LAB SAMPLE ID. NO. 207699

QC REPORT NO 14888A

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM

MATRIX: WATER XXX SOIL SLUDGE OTHER

UNITS: ug/l

1.	Aluminum	[67]	P	13.	Magnesium	120U		P
2.	Antimony	33U	P	14.	Manganese	[.88]		P
3.	Arsenic	[9.6]	F	15.	Mercury	.20U	N	CV
4.	Barium	.83U	P	16.	Nickel	34U		P
5.	Beryllium	[.42]	P	17.	Potassium	1770U		P
6.	Cadmium	4.0U	P	18.	Selenium	2.0UJ	N	F
7.	Calcium	[880]	P	19.	Silver	9.4U		P
8.	Chromium	8.1U	P	20.	Sodium	53200		P
9.	Cobalt	2.4U	P	21.	Thallium	1.9U		F
10.	Copper	25	P	22.	Vanadium	3.2U		P
11.	Iron	[17]	P	23.	Zinc	[19]		P
12.	Lead	2.2U	F					

Cyanide

Percent Solids(%)

Footnotes: For reporting results, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER B H Rohrbaugh

C

AR302111

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: COMPUCHEM LABORATORIES Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206112

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

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/12/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/13/88

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

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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206112

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR006112A15

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/15/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/16/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

AR302113

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206112

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR006112A15

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/15/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/16/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

AR302114

FORM I SV-2 1/87 Rev.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-2

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206112

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR006112A15

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/15/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/16/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	SUBST. HYDROCARBON	6.37	92	J

FORM I SV-TIC

AR302115

1/87 Rev.

COMPLEX NOTO CHIMMBO

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206112

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN006112C09

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ Date Analyzed: 07/14/88

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	90 ~~8~~	~~BJ~~ U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

AR302116

FORM I VOA 1/87 Rev.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-2

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206112

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN006112C09

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ Date Analyzed: 07/14/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1/87 Rev.

AR302117

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS: 8-557-2490

EPA SAMPLE NO.
MW-3

DATE 7/29/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: COMPUCHEM LABORATORIES

CASE NO: 164104 14538

SOW NO: 785

Lab Receipt Date 07/11/88

LAB SAMPLE ID. NO. 206125

QC REPORT NO 145380

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

(ug/l)or mg/kg DRY WEIGHT (circle one)

1.	Aluminum	471		P	13.	Magnesium	[863]	E	P
2.	Antimony	25U		P	14.	Manganese	100		P
3.	Arsenic	[1.9]		F	15.	Mercury	.20U	N	CV
4.	Barium	[2.5]		P	16.	Nickel	26U		P
5.	Beryllium	1.5U		P	17.	Potassium	2300U		P
6.	Cadmium	4.1U		P	18.	Selenium	11U	E	F
7.	Calcium	7940		P	19.	Silver	4.4U		P
8.	Chromium	5.0U		P	20.	Sodium	[2050]	E	P
9.	Cobalt	[4.4]		P	21.	Thallium	1.8U		F
10.	Copper	38	N	P	22.	Vanadium	[3.8]		P
11.	Iron	726		P	23.	Zinc	49		P
12.	Lead	26		F					

Cyanide 10U

Percent Solids(%) _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: BRWN

LAB MANAGER BtbPolobach

C

AR302118

FORM I

Client Sample No.
MW-3F

DATE 8/10/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: CompuChem Laboratories

CASE NO: 164104 14888

SOW NO: 785

Lab Receipt Date 07/20/88

LAB SAMPLE ID. NO. 207700

QC REPORT NO 14888A

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM

MATRIX: WATER XXX SOIL SLUDGE OTHER

UNITS: ug/l

1.	Aluminum	27U	P	13.	Magnesium	[832]		P
2.	Antimony	33U	P	14.	Manganese	[.47]		P
3.	Arsenic	[2.5]	F	15.	Mercury	.20U	N	CV
4.	Barium	[2.1]	P	16.	Nickel	34U		P
5.	Beryllium	.29U	P	17.	Potassium	[2170]		P
6.	Cadmium	4.0U	P	18.	Selenium	10UJ	N	F
7.	Calcium	[9950]	P	19.	Silver	9.4U		P
8.	Chromium	8.1U	P	20.	Sodium	[3460]		P
9.	Cobalt	2.4U	P	21.	Thallium	1.9U		F
10.	Copper	[8.4]	P	22.	Vanadium	3.2U		P
11.	Iron	5.0U	P	23.	Zinc	[15]		P
12.	Lead	2.2U	F					

Cyanide

Percent Solids(%)

Footnotes: For reporting results, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER BH Rotobach

C

AR302119

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: COMPUCHEM LABORATORIES Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206115

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

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/12/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/13/88

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

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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206115

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR006115A15

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/15/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/16/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: COMPUCHEM LABS Contract: (10-36)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206115

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR006115A15

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/15/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/16/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

AR302122

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-3

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206115

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR006115A15

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/15/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/16/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALKANE	6.42	16	J

FORM I SV-TIC

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-3

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206115

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN006115C09

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ Date Analyzed: 07/14/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

AR302124

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206115

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN006115C09

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ Date Analyzed: 07/14/88

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	90 ~~4~~	~~B~~ U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	6	
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

FORM I VOA

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS: 8-557-2490

EPA SAMPLE NO.
MW-4

DATE 7/27/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: COMPUCHEM LABORATORIES

CASE NO: 164104-14358

SOW NO: 785

Lab Receipt Date 06/30/88

LAB SAMPLE ID. NO. 204821

QC REPORT NO 14538M

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

(ug/l)or mg/kg DRY WEIGHT (circle one)

1.	Aluminum	19U		P	13.	Magnesium	[955]	E	P
2.	Antimony	25U		P	14.	Manganese	[3.5]	E	P
3.	Arsenic	[7.1]		F	15.	Mercury	.20U	N	CV
4.	Barium	[2.8]		P	16.	Nickel	26U		P
5.	Beryllium	1.5U		P	17.	Potassium	[3220]		P
6.	Cadmium	4.1U		P	18.	Selenium	[3.0]		F
7.	Calcium	[2610]	E	P	19.	Silver	4.4U		P
8.	Chromium	5.0U		P	20.	Sodium	[3750]		P
9.	Cobalt	3.9U		P	21.	Thallium	[8.3]		F
10.	Copper	16U	N	P	22.	Vanadium	[5.2]		P
11.	Iron	3.2U		P	23.	Zinc	[16]		P
12.	Lead	8.9		F					

Cyanide 10U

Percent Solids(%)

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: BROWN, CLOUDY

LAB MANAGER B. Kolotsach

C

AR302126

FORM I

Client Sample No.
MW-4F

DATE 9/12/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: CompuChem Laboratories

CASE NO: 14538

SOW NO: 785

Lab Receipt Date 09/07/88

LAB SAMPLE ID. NO. 215438

QC REPORT NO 14538C

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

UNITS: ug/l

1.	Aluminum	27U	P	13.	Magnesium	[1400]	P
2.	Antimony	33U	P	14.	Manganese	[11] E	P
3.	Arsenic	.86U	F	15.	Mercury	.20U	CV
4.	Barium	[8.8]	P	16.	Nickel	34U	P
5.	Beryllium	.29U	P	17.	Potassium	1770U	P
6.	Cadmium	4.0U	P	18.	Selenium	2.0UJ N	F
7.	Calcium	6580	P	19.	Silver	9.4U	P
8.	Chromium	8.1U	P	20.	Sodium	[3870]	P
9.	Cobalt	[2.8]	P	21.	Thallium	1.9U	F
10.	Copper	26	P	22.	Vanadium	3.2U	P
11.	Iron	[5.1]	P	23.	Zinc	32	P
12.	Lead	2.2U	F				

Cyanide _____ Percent Solids(%) _____

Footnotes: For reporting results, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER B.H. Polabrack

C

AR302127

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: MW-4
COMPUCHEM SAMPLE NUMBER: 204820

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

BDL = BELOW DETECTION LIMIT

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: COMPUCHEM LABORATORIES Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205185

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

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/05/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/09/88

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

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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205185R

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR005185A04

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/06/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/07/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

AR302130

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205185R

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR005185A04

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/06/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/07/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

AR302131

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-4

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205185R

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR005185A04

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/06/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/07/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

AR302132

FORM I SV-TIC

1/87 Rev.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205185

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005185A03

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-4

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205185

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005185A03

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS: 8-557-2490

EPA SAMPLE NO.
MW-5

DATE 7/27/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: COMPUCHEM LABORATORIES

CASE NO: 164104-14358

SOW NO: 785

Lab Receipt Date 06/30/88

LAB SAMPLE ID. NO. 204825

QC REPORT NO 14538M

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

(ug/l)or mg/kg DRY WEIGHT (circle one)

1.	Aluminum	[21]		P	13.	Magnesium	[1780]	E	P
2.	Antimony	[27]		P	14.	Manganese	[12]	E	P
3.	Arsenic	[1.6]		F	15.	Mercury	.20U	N	CV
4.	Barium	[1.3]		P	16.	Nickel	26U		P
5.	Beryllium	1.5U		P	17.	Potassium	2300U		P
6.	Cadmium	4.1U		P	18.	Selenium	22U		F
7.	Calcium	15200	E	P	19.	Silver	4.4U		P
8.	Chromium	[5.4]		P	20.	Sodium	[3480]		P
9.	Cobalt	3.9U		P	21.	Thallium	[2.7]		F
10.	Copper	16U	N	P	22.	Vanadium	2.6U		P
11.	Iron	[26]		P	23.	Zinc	51		P
12.	Lead	[4.7]		F					

Cyanide 10U

Percent Solids(%) _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: BROWN, CLOUDY

LAB MANAGER [signature]

C

AR302135

FORM I

Client Sample No.
MW-5F

DATE 9/12/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: CompuChem Laboratories

CASE NO: 14538

SOW NO: 785

Lab Receipt Date 09/07/88

LAB SAMPLE ID. NO. 215439

QC REPORT NO 14538C

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

UNITS: ug/l

1.	Aluminum	27U	P	13.	Magnesium	[1730]	P
	Antimony	33U	P	14.	Manganese	[12] E	P
	Arsenic	.86U	F	15.	Mercury	.20U	CV
4.	Barium	[2.0]	P	16.	Nickel	34U	P
5.	Beryllium	.29U	P	17.	Potassium	1770U	P
6.	Cadmium	4.0U	P	18.	Selenium	10UJ N	F
7.	Calcium	15100	P	19.	Silver	9.4U	P
8.	Chromium	8.1U	P	20.	Sodium	5070	P
9.	Cobalt	[3.0]	P	21.	Thallium	1.9U	F
10.	Copper	[19]	P	22.	Vanadium	3.2U	P
11.	Iron	[5.1]	P	23.	Zinc	43	P
12.	Lead	7.6	F				

Cyanide _____ Percent Solids(%) _____

Footnotes: For reporting results, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER BH Palubach

C

AR302136

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: MW-5
COMPUCHEM SAMPLE NUMBER: 204824

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

BDL = BELOW DETECTION LIMIT

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: COMPUCHEM LABORATORIES Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204809

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

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/01/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/08/88

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

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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST

AR302138

1/87 Rev.

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204809

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH004809A08

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/01/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/02/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

AR302139

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204809

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH004809A08

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/01/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/02/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

AR302140

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-5

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204809

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH004809A08

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/01/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/02/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

AR302141

FORM I SV-TIC 1/87 Rev.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204809

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN004809C03

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

AR302142

FORM I VOA 1/87 Rev.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-S

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204809

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN004809C03

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS: 8-557-2490

EPA SAMPLE NO.
MW-6

DATE 7/29/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: COMPUCHEM LABORATORIES

CASE NO: 164104 14538

SOW NO: 785

Lab Receipt Date 07/08/88

LAB SAMPLE ID. NO. 205600

QC REPORT NO 145380

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

(ug/l)or mg/kg DRY WEIGHT (circle one)

1.	Aluminum	604		P	13.	Magnesium	[366]	E	P
2.	Antimony	25U		P	14.	Manganese	129		P
3.	Arsenic	[8.2]		F	15.	Mercury	.20U	N	CV
4.	Barium	[3.7]		P	16.	Nickel	26U		P
5.	Beryllium	1.5U		P	17.	Potassium	[3040]		P
6.	Cadmium	4.1U		P	18.	Selenium	22U	E	F
7.	Calcium	5080		P	19.	Silver	4.4U		P
8.	Chromium	[6.0]		P	20.	Sodium	45200	E	P
9.	Cobalt	3.9U		P	21.	Thallium	1.8U		F
10.	Copper	16U	N	P	22.	Vanadium	2.6U		P
11.	Iron	897		P	23.	Zinc	33		P
12.	Lead	22		F					

Cyanide 10U

Percent Solids(%)

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER BH Rolobach

C

AR302144

FORM I

Client Sample No.
MW-6F

DATE 8/10/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: CompuChem Laboratories

CASE NO: 164104 14888

SOW NO: 785

Lab Receipt Date 07/20/88

LAB SAMPLE ID. NO. 207694

QC REPORT NO 14888A

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

UNITS: ug/l

1.	Aluminum	27U	P	13.	Magnesium	120U		P
2.	Antimony	33U	P	14.	Manganese	.30U		P
3.	Arsenic	13	F	15.	Mercury	.20U	N	CV
4.	Barium	[3.8]	P	16.	Nickel	34U		P
5.	Beryllium	[.44]	P	17.	Potassium	1770U		P
6.	Cadmium	[4.3]	P	18.	Selenium	10UJ	N	F
7.	Calcium	5460	P	19.	Silver	9.4U		P
8.	Chromium	8.1U	P	20.	Sodium	44500		P
9.	Cobalt	2.4U	P	21.	Thallium	[4.4]		F
10.	Copper	5.4U	P	22.	Vanadium	3.2U		P
11.	Iron	5.0U	P	23.	Zinc	[11]		P
12.	Lead	5.8	F					

Cyanide _____ Percent Solids(%) _____

Footnotes: For reporting results, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER B.H. Rabbach

C

AR302145

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6

Lab Name: COMPUCHEM LABORATORIES Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 734

Matrix: (soil/water) WATER Lab Sample ID: 205597

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

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

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

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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205597

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GJ005597A20

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

AR302147

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205597

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GJ005597A20

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	30 ~~20~~	~~U~~ U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	4	J
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

AR302148

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205597

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GJ005597A20

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.27	42	J
2.	UNKNOWN	24.30	16	J
3.	UNKNOWN	24.39	16	J

FORM I SV-TIC

AR302149

1/87 Rev.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205597

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005597A03

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ Date Analyzed: 07/10/88

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	~~10~~	~~U~~
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205597

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005597A03

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ Date Analyzed: 07/10/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS: 8-557-2490

EPA SAMPLE NO.
MW-6A

DATE 7/29/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: COMPUCHEM LABORATORIES

CASE NO: 164104 14538

SOW NO: 785

Lab Receipt Date 07/08/88

LAB SAMPLE ID. NO. 205599

QC REPORT NO 145380

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM

MATRIX: WATER XXX SOIL SLUDGE OTHER

(ug/l)or mg/kg DRY WEIGHT (circle one)

1.	Aluminum	431		P	13.	Magnesium	[426]	E	P
2.	Antimony	25U		P	14.	Manganese	95		P
3.	Arsenic	[8.3]		F	15.	Mercury	.20U	N	CV
4.	Barium	[3.5]		P	16.	Nickel	26U		P
5.	Beryllium	1.5U		P	17.	Potassium	2300U		P
6.	Cadmium	4.1U		P	18.	Selenium	22U	E	F
7.	Calcium	5550		P	19.	Silver	4.4U		P
8.	Chromium	[6.4]		P	20.	Sodium	45000	E	P
9.	Cobalt	3.9U		P	21.	Thallium	1.8U		F
10.	Copper	72	N	P	22.	Vanadium	2.6U		P
11.	Iron	665		P	23.	Zinc	82		P
12.	Lead	15	S	F					

Cyanide 10U

Percent Solids(%)

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER BH Pokobach

C

AR302152

FORM I

Client Sample No.
MW-6AF

DATE 8/10/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: CompuChem Laboratories

CASE NO: 164104 14888

SOW NO: 785

Lab Receipt Date 07/20/88

LAB SAMPLE ID. NO. 207698

QC REPORT NO 14888A

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

UNITS: ug/l

1.	Aluminum	27U	P	13.	Magnesium	120U	P
2.	Antimony	33U	P	14.	Manganese	[.87]	P
3.	Arsenic	[7.4]	F	15.	Mercury	.20U N	CV
4.	Barium	[2.1]	P	16.	Nickel	34U	P
5.	Beryllium	.29U	P	17.	Potassium	1770U	P
6.	Cadmium	4.0U	P	18.	Selenium	10UJ N	F
7.	Calcium	5350	P	19.	Silver	9.4U	P
8.	Chromium	8.1U	P	20.	Sodium	43900	P
9.	Cobalt	2.4U	P	21.	Thallium	1.9U	F
10.	Copper	[8.4]	P	22.	Vanadium	3.2U	P
11.	Iron	[13]	P	23.	Zinc	[8.1]	P
12.	Lead	2.2U	F				

Cyanide _____ Percent Solids(%) _____

Footnotes: For reporting results, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER BH Rhebach

C

AR302153

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6A

Lab Name: COMPUCHEM LABORATORIES Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 734

Matrix: (soil/water) WATER Lab Sample ID: 205596

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

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

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

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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

AR302154

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6A

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205596

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH005596A20

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

AR302155

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6A

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205596

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH005596A20

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	30 ~~20~~	~~U~~ J
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	4	J
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

AR302156

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6A

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205596

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH005596A20

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/08/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/10/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	7.20	44	J
2.	UNKNOWN	16.65	10	J
3.	UNKNOWN	24.19	46	J
4.	UNKNOWN	27.37	28	J

FORM I SV-TIC

AR302157

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-6A

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205596

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005596A03

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ Date Analyzed: 07/10/88

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	1	J
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-6A

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205596

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005596A03

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ Date Analyzed: 07/10/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS: 8-557-2490

EPA SAMPLE NO.
MW-8

DATE 7/29/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: COMPUCHEM LABORATORIES

CASE NO: 164104 14538

SOW NO: 785

Lab Receipt Date 07/11/88

LAB SAMPLE ID. NO. 206128

QC REPORT NO 145380

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

(ug/l)or mg/kg DRY WEIGHT (circle one)

	Aluminum	4500		P	13.	Magnesium	[2370]	E	P
	Antimony	25U		P	14.	Manganese	923		P
3.	Arsenic	[10]		F	15.	Mercury	.20U	N	CV
4.	Barium	[36]		P	16.	Nickel	26U		P
5.	Beryllium	1.5U		P	17.	Potassium	2300U		P
6.	Cadmium	4.1U		P	18.	Selenium	11U	E	F
7.	Calcium	8750		P	19.	Silver	4.4U		P
8.	Chromium	24		P	20.	Sodium	21000	E	P
9.	Cobalt	[7.8]		P	21.	Thallium	1.8U		F
10.	Copper	175	N	P	22.	Vanadium	[14]		P
11.	Iron	9970		P	23.	Zinc	180		P
12.	Lead	44		F					

Cyanide 13

Percent Solids(%) _____

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: BRWN

LAB MANAGER BtKPolobach

C

AR302160

FORM I

Client Sample No.
MW-8F

DATE 8/10/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: CompuChem Laboratories

CASE NO: 164104 14888

SOW NO: 785

Lab Receipt Date 07/20/88

LAB SAMPLE ID. NO. 207701

QC REPORT NO 14888A

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

UNITS: ug/l

1.	Aluminum	[27]	P	13.	Magnesium	[309]		P
2.	Antimony	[38]	P	14.	Manganese	18		P
3.	Arsenic	[5.5]	F	15.	Mercury	.20U	N	CV
4.	Barium	[4.7]	P	16.	Nickel	34U		P
5.	Beryllium	[.83]	P	17.	Potassium	[1880]		P
6.	Cadmium	[4.4]	P	18.	Selenium	2.0UJ	N	F
7.	Calcium	6660	P	19.	Silver	9.4U		P
8.	Chromium	8.1U	P	20.	Sodium	25200		P
9.	Cobalt	2.4U	P	21.	Thallium	1.9U		F
10.	Copper	25	P	22.	Vanadium	3.2U		P
11.	Iron	[35]	P	23.	Zinc	32		P
12.	Lead	5.3	F					

Cyanide _____ Percent Solids(%) _____

Footnotes: For reporting results, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER B A Rohrbach

C

AR302161

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name: COMPUCHEM LABORATORIES Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206127

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

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/12/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/13/88

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

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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

FORM I PEST

1/87 Rev.

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206127

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR006127A15

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/15/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/16/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

AR302163

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206127

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GR006127A15

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/15/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/16/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	4	J
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

AR302164

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206127

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN006127C09

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ Date Analyzed: 07/14/88

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	90 ~~6~~	~~BJ~~ J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	3	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	14	
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	1	J

FORM I VOA

1/87 Rev.

AR302165

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206127

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN006127C09

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ Date Analyzed: 07/14/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

FORM I

U.S. EPA CONTRACT LABORATORY PROGRAM
SAMPLE MANAGEMENT OFFICE
P.O. BOX 818 - ALEXANDRIA, VA 22313
703/557-2490 FTS: 8-557-2490

EPA SAMPLE NO.
FB-10

DATE 7/27/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: COMPUCHEM LABORATORIES

CASE NO: 164104-14358

SOW NO: 785

Lab Receipt Date 06/30/88

LAB SAMPLE ID. NO. 204811

QC REPORT NO 14538M

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

(ug/l)or mg/kg DRY WEIGHT (circle one)

1.	Aluminum	19U		P	13.	Magnesium	[155]	E	P
2.	Antimony	25U		P	14.	Manganese	1.0U	E	P
3.	Arsenic	1.5U		F	15.	Mercury	.20U	N	CV
4.	Barium	1.0U		P	16.	Nickel	26U		P
5.	Beryllium	1.5U		P	17.	Potassium	2300U		P
6.	Cadmium	4.1U		P	18.	Selenium	2.2U		F
7.	Calcium	[67]	E	P	19.	Silver	4.4U		P
8.	Chromium	[6.1]		P	20.	Sodium	[2120]		P
9.	Cobalt	3.9U		P	21.	Thallium	1.8U		F
10.	Copper	16U	N	P	22.	Vanadium	[3.3]		P
11.	Iron	3.2U		P	23.	Zinc	[14]		P
12.	Lead	5.0		F					

Cyanide 10U

Percent Solids(%)

Footnotes: For reporting results to EPA, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER B H Pelchach

C

AR302167

FORM I

Client Sample No.
FB-10F

DATE 9/12/88

INORGANIC ANALYSIS DATA SHEET

LAB NAME: CompuChem Laboratories

CASE NO: 14538

SOW NO: 785

Lab Receipt Date 09/07/88

LAB SAMPLE ID. NO. 215434

QC REPORT NO 14538C

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXX MEDIUM _____

MATRIX: WATER XXX SOIL _____ SLUDGE _____ OTHER _____

UNITS: ug/l

1.	Aluminum	27U	P	13.	Magnesium	120U	P
2.	Antimony	33U	P	14.	Manganese	[4.8] E	P
3.	Arsenic	.86U	F	15.	Mercury	.20U	CV
4.	Barium	[1.6]	P	16.	Nickel	34U	P
5.	Beryllium	[1.1]	P	17.	Potassium	1770U	P
6.	Cadmium	4.0U	P	18.	Selenium	2.0UJ N	F
7.	Calcium	[108]	P	19.	Silver	9.4U	P
8.	Chromium	8.1U	P	20.	Sodium	[2600]	P
9.	Cobalt	[4.1]	P	21.	Thallium	1.9U	F
10.	Copper	[19]	P	22.	Vanadium	3.2U	P
11.	Iron	5.0U	P	23.	Zinc	28	P
12.	Lead	[2.7]	F				

Cyanide _____ Percent Solids(%) _____

Footnotes: For reporting results, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: CLEAR, COLORLESS

LAB MANAGER BHPolobach

C

AR302168

COMPOUND LIST - CLASSICAL PARAMETERS

SAMPLE IDENTIFIER: FB-10
COMPUCHEM SAMPLE NUMBER: 204810

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

BDL = BELOW DETECTION LIMIT

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-10

Lab Name: COMPUCHEM LABORATORIES Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204798

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

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. _____ dec. _____ Date Extracted: 07/01/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/08/88

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

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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-10

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204798

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH004798A08

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/01/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/02/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	20	U
111-44-4	bis(2-Chloroethyl)Ether	20	U
95-57-8	2-Chlorophenol	20	U
541-73-1	1,3-Dichlorobenzene	20	U
106-46-7	1,4-Dichlorobenzene	20	U
100-51-6	Benzyl Alcohol	20	U
95-50-1	1,2-Dichlorobenzene	20	U
95-48-7	2-Methylphenol	20	U
39638-32-9	bis(2-Chloroisopropyl)Ether	20	U
106-44-5	4-Methylphenol	20	U
621-64-7	N-Nitroso-Di-n-Propylamine	20	U
67-72-1	Hexachloroethane	20	U
98-95-3	Nitrobenzene	20	U
78-59-1	Isophorone	20	U
88-75-5	2-Nitrophenol	20	U
105-67-9	2,4-Dimethylphenol	20	U
65-85-0	Benzoic Acid	100	U
111-91-1	bis(2-Chloroethoxy)Methane	20	U
120-83-2	2,4-Dichlorophenol	20	U
120-82-1	1,2,4-Trichlorobenzene	20	U
91-20-3	Naphthalene	20	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	20	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	20	U
77-47-4	Hexachlorocyclopentadiene	20	U
88-06-2	2,4,6-Trichlorophenol	20	U
95-95-4	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	20	U
88-74-4	2-Nitroaniline	100	U
131-11-3	Dimethyl Phthalate	20	U
208-96-8	Acenaphthylene	20	U
606-20-2	2,6-Dinitrotoluene	20	U

AR302171

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-10

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204798

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH004798A08

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/01/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/02/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	20	U
51-28-5	2,4-Dinitrophenol	100	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	20	U
121-14-2	2,4-Dinitrotoluene	20	U
84-66-2	Diethylphthalate	20	U
7005-72-3	4-Chlorophenyl-phenylether	20	U
86-73-7	Fluorene	20	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-Methylphenol	100	U
86-30-6	N-Nitrosodiphenylamine (1)	20	U
101-55-3	4-Bromophenyl-phenylether	20	U
118-74-1	Hexachlorobenzene	20	U
87-86-5	Pentachlorophenol	100	U
85-01-8	Phenanthrene	20	U
120-12-7	Anthracene	20	U
84-74-2	Di-n-Butylphthalate	20	U
206-44-0	Fluoranthene	20	U
129-00-0	Pyrene	20	U
85-68-7	Butylbenzylphthalate	20	U
91-94-1	3,3'-Dichlorobenzidine	40	U
56-55-3	Benzo(a)Anthracene	20	U
218-01-9	Chrysene	20	U
117-81-7	bis(2-Ethylhexyl)Phthalate	20	U
117-84-0	Di-n-Octyl Phthalate	20	U
205-99-2	Benzo(b)Fluoranthene	20	U
207-08-9	Benzo(k)Fluoranthene	20	U
50-32-8	Benzo(a)Pyrene	20	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20	U
53-70-3	Dibenz(a,h)Anthracene	20	U
191-24-2	Benzo(g,h,i)Perylene	20	U

(1) - Cannot be separated from Diphenylamine

AR302172

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB-10

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204798

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN004798C03

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	METHANE,TRICHLOROFLUORO-	8.89	5.0	J

FORM I VOA-TIC

AR302173

1/87 Rev.

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB-10

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204798

Sample wt/vol: 1000 (g/mL) ML Lab File ID: GH004798A08

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ dec. ____ Date Extracted: 07/01/88

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 07/02/88

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 2.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

AR302174

FORM I SV-TIC

1/87 Rev.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB-10

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204798

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN004798C03

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	7*	
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-1

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204826

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN004826A03

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

FORM I VOA

AR302J.76

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB-1

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 204826

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN004826A03

Level: (low/med) LOW Date Received: 06/30/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-2

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205165

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005165B03

Level: (low/med) LOW Date Received: 07/01/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

AR302178

FORM I VOA 1/87 Rev.

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB-2

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14539 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205165

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005165B03

Level: (low/med) LOW Date Received: 07/01/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FORM I VOA-TIC

AR302179.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-3

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205189

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005189A03

Level: (low/med) LOW Date Received: 07/02/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	30	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

FORM I VOA

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB-3

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205189

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005189A03

Level: (low/med) LOW Date Received: 07/02/88

% Moisture: not dec. ____ Date Analyzed: 07/06/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-4

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205585

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005585A03

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ Date Analyzed: 07/10/88

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB-4

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 205585

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN005585A03

Level: (low/med) LOW Date Received: 07/08/88

% Moisture: not dec. ____ Date Analyzed: 07/10/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB-5

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14539 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206130

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN006130C09

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ Date Analyzed: 07/14/88

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

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

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	90 ~~3~~	~~BJ~~ U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	Trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Total Xylenes	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB-5

Lab Name: COMPUCHEM LABS Contract: (10-86)-REV

Lab Code: COMPU Case No.: 14538 SAS No.: _____ SDG No.: 704

Matrix: (soil/water) WATER Lab Sample ID: 206130

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: CN006130C09

Level: (low/med) LOW Date Received: 07/11/88

% Moisture: not dec. ____ Date Analyzed: 07/14/88

Column (pack/cap) PACK Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

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SAMPLE DATA SUMMARY