S-CUBED
A Division of Maxwell Laboratories, Inc.

EPA Region 5 Records Ctr.
309407

SF 2265

NARRATIVE: CASE 4130

S-CUBED Contract No. 68-01-7021

Samples ED105 and ED106 were for VOA analysis only. All VOA samples contained trichloroethylene but only sample ED105V yielded a spectrum meeting contract criteria. Benzene was rejected for the same reason in most samples. Only in ED108 and ED109, benzene met criteria and was reported. Chloroform was rejected in ED105, ED107 and ED112. Spectral comparisons for 2-butanone are obscured by a coeluting surrogate. The analyst has identified it as being present.

Extractable analyses were straightforward and presented no problems.

RECEIVED
US E... ...ONAL LAB.
536 S. CLARK STREET
CHICAGO, ILLINOIS 60605

RECEIVED MAY 2 2 1985

(5/1/85, 12069, 1632V)

P.O. Box 1620, La Jolla, California 92038-1620 3398 Carmel Mountain Road, San Diego, California 92121-1095
Tel: (619) 453-0060 TWX: 910-337-1253 Telecopier: (619) 755-0474

85FN04514

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818, Alexandria, Virginia 22313 703/557/2490

Sample Number
ED105

ORGANICS ANALYSIS DATA SHEET
(Page 1)

Laboratory Name: S-CUBED
Lab Sample ID No: ED105V (WOA)
Sample Matrix: WATER
Data Release Authorized By: [illegible]

Case No: 4130
QC Report No: N.A.
Contract No: 68-01-7021
Date Sample Received: 04-05-85

G101D

RECEIVED MAY 22 1985

VOLATILE COMPOUNDS

Concentration: Low Medium (Circle one)
Date Extracted/Prepared: 4-10-85
Date Analyzed: 4-10-85
Conc/Dil Factor: 1.00 pH: N.A.
Percent Moisture: N.A.
Percent Moisture (Decanted): N.A.

CAS Number		ug/l or ug/kg (Circle One)	CAS Number		ug/l or ug/kg (circle one)
74-87-3	CHLOROMETHANE	10 u	79-34-5	1,1,2,2-TETRACHLOROETHANE	5 u
74-83-9	BROMOMETHANE	10 u	78-87-5	1,2-DICHLOROPROPANE	5 u
75-01-4	VINYL CHLORIDE	10 u	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5 u
75-00-3	CHLOROETHANE	10 u	79-01-6	TRICHLOROETHENE	5 J
75-09-2	METHYLENE CHLORIDE	18 B	124-48-1	DIBROMOCHLOROMETHANE	5 u
67-64-1	ACETONE	11 B	79-00-5	1,1,2-TRICHLOROETHANE	5 u
75-15-0	CARBON DISULFIDE	5 JB	71-43-2	BENZENE	5 u
75-35-4	1,1-DICHLOROETHENE	5 u	10061-01-5	CIS-1,3-DICHLOROPROPENE	5 u
75-34-3	1,1-DICHLOROETHANE	5 u	110-75-8	2-CHLOROETHYLVINYLETHER	10 u
156-60-5	TRANS-1,2-DICHLOROETHENE	5 u	75-25-2	BROMOFORM	5 u
67-66-3	CHLOROFORM	5 u	591-78-6	2-HEXANONE	10 u
107-06-2	1,2-DICHLOROETHANE	5 u	108-10-1	4-METHYL-2-PENTANONE	10 u
78-93-3	2-BUTANONE	10 J	127-18-4	TETRACHLOROETHENE	5 u
71-55-6	1,1,1-TRICHLOROETHANE	5 u	108-88-3	TOLUENE	5 u
56-23-5	CARBON TETRACHLORIDE	5 u	108-90-7	CHLOROBENZENE	5 u
108-05-4	VINYL ACETATE	10 u	100-41-4	ETHYLBENZENE	5 u
75-27-4	BROMODICHLOROMETHANE	5 u	100-42-5	STYRENE	5 u
				TOTAL XYLENES	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifier are used. Additional flags or footnotes explaning results are encouraged.However,the definition of each flag must be explicit.

Value: If the result is a value greater than or equal to the detection limit,report the value.

U Indicates compound was analyzed for but not detected.Report the minimum detection limit for the sample with the U (eg.10U) based on necessay concentration/dilution actions.(this is not necessarily the instrument detection limit.)The footnotes should read:U-Compound was analyzed for but not detected.The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value:This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. (eg.10J)

C this flag applies to pesticide parameters where the identification has been confirmed by GC/MS.Single component pesticides > or = 10 ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when analyte is found in the blank as well as sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S Matrix spiked compound.

Environmental Protection Agency, CLP Sample Management Office,
P. O. Box 818, Alexandria, Virginia 22313 703/557-2490

Sample Number
ED105

Organics Analysis Data Sheet
(Page 2)

G101 D cont.

SEMIVOLATILE ANALYSIS NOT REQUIRED

Semivolatile Compounds

Concentration: Low Medium (Circle One)

Date Extracted/Prepared: N/A

Date Analyzed: N/A

Conc/Dil Factor:

RECEIVED MAY 2 2 1985

CAS Number		ug/l or ug/Kg (Circle One)
62-75-9	N-Nitrosodimethylamine	
108-95-2	Phenol	
62-53-3	Aniline	N/A
111-44-4	bis(-2-Chloroethyl)Ether	
95-57-8	2-Chlorophenol	
541-73-1	1, 3-Dichlorobenzene	
106-46-7	1, 4-Dichlorobenzene	
100-51-6	Benzyl Alcohol	
95-50-1	1, 2-Dichlorobenzene	
95-48-7	2-Methylphenol	
39638-32-9	bis(2-chloroisopropyl)Ether	
106-44-5	4-Methylphenol	
621-64-7	N-Nitroso-Di-n-Propylamine	
67-72-1	Hexachloroethane	
98-95-3	Nitrobenzene	
78-59-1	Isophorone	
88-75-5	2-Nitrophenol	
105-67-9	2, 4-Dimethylphenol	
65-85-0	Benzoic Acid	
111-91-1	bis(-2-Chloroethoxy)Methane	
120-83-2	2, 4-Dichlorophenol	
120-82-1	1, 2, 4-Trichlorobenzene	
91-20-3	Naphthalene	
106-47-8	4-Chloroaniline	
87-68-3	Hexachlorobutadiene	
59-50-7	4-Chloro-3-Methylphenol	
91-57-6	2-Methylnaphthalene	
77-47-4	Hexachlorocyclopentadiene	
88-06-2	2, 4, 6-Trichlorophenol	
95-95-4	2, 4, 5-Trichlorophenol	
91-58-7	2-Chloronaphthalene	
88-74-4	2-Nitroaniline	
131-11-3	Dimethyl Phthalate	
208-96-8	Acenaphthylene	
99-09-2	3-Nitroaniline	

CAS Number		ug/l or ug/Kg (Circle One)
83-32-9	Acenaphthene	
51-28-5	2, 4-Dinitrophenol	
100-02-7	4-Nitrophenol	
132-64-9	Dibenzofuran	
121-14-2	2, 4-Dinitrotoluene	
606-20-2	2, 6-Dinitrotoluene	
84-66-2	Diethylphthalate	
7005-72-3	4-Chlorophenyl-phenylether	
86-73-7	Fluorene	
100-01-6	4-Nitroaniline	
534-52-1	4, 6-Dinitro-2-Methylphenol	
86-30-6	N-Nitrosodiphenylamine (1)	
101-55-3	4-Bromophenyl-phenylether	
118-74-1	Hexachlorobenzene	
87-86-5	Pentachlorophenol	
85-01-8	Phenanthrene	
120-12-7	Anthracene	
84-74-2	Di-n-Butylphthalate	
206-44-0	Fluoranthene	
92-87-5	Benzidine	
129-00-0	Pyrene	
85-68-7	Butylbenzylphthalate	
91-94-1	3, 3'-Dichlorobenzidine	
56-55-3	Benzo(a)Anthracene	
117-81-7	bis(2-Ethylhexyl)Phthalate	
218-01-9	Chrysene	
117-84-0	Di-n-Octyl Phthalate	
205-99-2	Benzo(b)Fluoranthene	
207-08-9	Benzo(k)Fluoranthene	N/A
50-32-8	Benzo(a)Pyrene	
193-39-5	Indeno(1, 2, 3-cd)Pyrene	
53-70-3	Dibenz(a, h)Anthracene	
191-24-2	Benzo(g, h, i)Perylene	

(1)-Cannot be separated from diphenylamine

Environmental Protection Agency. CLP Sample Management Office.
P. O. Box 818. Alexandria, Virginia 22313 703/557-2490

Sample Number
ED105

Organics Analysis Data Sheet
(Page 3)

Pesticide/PCBs

Concentration: Low Medium (Circle One)

RECEIVED MAY 2 2

Date Extracted/Prepared: _____

Date Analyzed: NA

Conc/Dil Factor: _____

CAS Number		ug/l or ug/Kg (Circle One)
319-84-6	Alpha-BHC	
319-85-7	Beta-BHC	
319-86-8	Delta-BHC	
58-89-9	Gamma-BHC (Lindane)	
76-44-8	Heptachlor	
309-00-2	Aldrin	
1024-57-3	Heptachlor Epoxide	
959-98-8	Endosulfan I	
60-57-1	Dieldrin	
72-55-9	4, 4'-DDE	
72-20-8	Endrin	
33213-65-9	Endosulfan II	
72-54-8	4, 4'-DDD	
7421-93-4	Endrin Aldehyde	
1031-07-8	Endosulfan Sulfate	
50-29-3	4, 4'-DDT	
72-43-5	Methoxychlor	
53494-70-5	Endrin Ketone	
57-74-9	Chlordane	
8001-35-2	Toxaphene	
12674-11-2	Aroclor-1016	
11104-28-2	Aroclor-1221	
11141-16-5	Aroclor-1232	
53469-21-9	Aroclor-1242	
12672-29-6	Aroclor-1248	
11097-69-1	Aroclor-1254	
11096-82-5	Aroclor-1260	

NA

V_i = Volume of extract injected (ul)

V_s = Volume of water extracted (ml)

W_s = Weight of sample extracted (g)

V_t = Volume of total extract (ul)

V_s _____ or W_s _____ V_t _____ V_i _____

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818, Alexandria, Virginia 22313 703/557/2490

Sample Number
ED106

ORGANICS ANALYSIS DATA SHEET
(Page 1)

Laboratory Name: S-CUBED
Lab Sample ID No: ED106V (VOA)
Sample Matrix: WATER
Data Release Authorized By: _____

Case No: 4130
QC Report No: N.A.
Contract No: 68-01-7021
Date Sample Received: 04-05-85

G13D

VOLATILE COMPOUNDS
Concentration: Low Medium (Circle one)
Date Extracted/Prepared: 4-09-85
Date Analyzed: 4-09-85
Conc/Dil Factor: 1.00 pH: N.A.
Percent Moisture: N.A.
Percent Moisture (Decanted): N.A.

RECEIVED MAY 2 2 1985

CAS Number		ug/l or ug/kg (Circle One)	CAS Number		ug/l or ug/kg (Circle one)
74-87-3	CHLOROMETHANE	10 u	79-34-5	1,1,2,2-TETRACHLOROETHANE	5 u
74-83-9	BROMOMETHANE	10 u	78-87-5	1,2-DICHLOROPROPANE	5 u
75-01-4	VINYL CHLORIDE	10 u	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5 u
75-00-3	CHLOROETHANE	10 u	79-01-6	TRICHLOROETHENE	5 u
75-09-2	METHYLENE CHLORIDE	9.7 B	124-48-1	DIBROMOCHLOROMETHANE	5 u
67-64-1	ACETONE	16 B	79-00-5	1,1,2-TRICHLOROETHANE	5 u
75-15-0	CARBON DISULFIDE	5 JB	71-43-2	BENZENE	5 u
75-35-4	1,1-DICHLOROETHENE	5 u	10061-01-5	CIS-1,3-DICHLOROPROPENE	5 u
75-34-3	1,1-DICHLOROETHANE	5 u	110-75-8	2-CHLOROETHYLVINYLETHER	10 u
156-60-5	TRANS-1,2-DICHLOROETHENE	5 u	75-25-2	BROMOFORM	5 u
67-66-3	CHLOROFORM	5 u	591-78-6	2-HEXANONE	10 u
107-06-2	1,2-DICHLOROETHANE	5 u	108-10-1	4-METHYL-2-PENTANONE	10 u
78-93-3	2-BUTANONE	21	127-18-4	TETRACHLOROETHENE	5 u
71-55-6	1,1,1-TRICHLOROETHANE	5 u	108-88-3	TOLUENE	5 u
56-23-5	CARBON TETRACHLORIDE	5 u	108-90-7	CHLOROBENZENE	5 u
108-05-4	VINYL ACETATE	10 u	100-41-4	ETHYLBENZENE	5 u
75-27-4	BROMODICHLOROMETHANE	5 u	100-42-5	STYRENE	5 u
				TOTAL XYLENES	5 u

Data Reporting Qualifiers

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J Indicates an estimated value:This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. (eg.10J)

C this flag applies to pesticide parameters where the identification has been confirmed by GC/MS.Single component pesticides > or = 10 ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when analyte is found in the blank as well as sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S Matrix spiked compound.

85FN04S15

Environmental Protection Agency. CLP Sample Management Office.
P. O. Box 818. Alexandria, Virginia 22313 703/557-2490

Sample Number
ED10 6

Organics Analysis Data Sheet
(Page 2)

G 13D
Cont.

SEMIVOLATILE ANALYSIS NOT REQUIRED

Semivolatile Compounds

RECEIVED MAY 2 2 1985

Concentration: Low Medium (Circle One)

Date Extracted/Prepared: NA

Date Analyzed: NA

Conc/Dil Factor:

CAS Number		ug/l or ug/Kg (Circle One)
62-75-9	N-Nitrosodimethylamine	
108-95-2	Phenol	
62-53-3	Aniline	NA
111-44-4	bis(-2-Chloroethyl)Ether	
95-57-8	2-Chlorophenol	
541-73-1	1, 3-Dichlorobenzene	
106-46-7	1, 4-Dichlorobenzene	
100-51-6	Benzyl Alcohol	
95-50-1	1, 2-Dichlorobenzene	
95-48-7	2-Methylphenol	
39638-32-9	bis(2-chloroisopropyl)Ether	
106-44-5	4-Methylphenol	
621-64-7	N-Nitroso-Di-n-Propylamine	
67-72-1	Hexachloroethane	
98-95-3	Nitrobenzene	
78-59-1	Isophorone	
88-75-5	2-Nitrophenol	
105-67-9	2, 4-Dimethylphenol	
65-85-0	Benzoic Acid	
111-91-1	bis(-2-Chloroethoxy)Methane	
120-83-2	2, 4-Dichlorophenol	
120-82-1	1, 2, 4-Trichlorobenzene	
91-20-3	Napnthalene	
106-47-8	4-Chloroaniline	
87-68-3	Hexachlorobutadiene	
59-50-7	4-Chloro-3-Methylphenol	
91-57-6	2-Methylnaphthalene	
77-47-4	Hexachlorocyclopentadiene	
88-06-2	2, 4, 6-Trichlorophenol	
95-95-4	2, 4, 5-Trichlorophenol	
91-58-7	2-Chloronaphthalene	
88-74-4	2-Nitroaniline	
131-11-3	Dimethyl Phthalate	
208-96-8	Acenaphthylene	
99-09-2	3-Nitroaniline	

CAS Number		ug/l or ug/Kg (Circle One)
83-32-9	Acenaphthene	
51-28-5	2, 4-Dinitrophenol	
100-02-7	4-Nitrophenol	
132-64-9	Dibenzofuran	
121-14-2	2, 4-Dinitrotoluene	
606-20-2	2, 6-Dinitrotoluene	
84-66-2	Diethylphthalate	
7005-72-3	4-Chlorophenyl-phenylether	
86-73-7	Fluorene	
100-01-6	4-Nitroaniline	
534-52-1	4, 6-Dinitro-2-Methylphenol	
86-30-6	N-Nitrosodiphenylamine (1)	
101-55-3	4-Bromophenyl-phenylether	
118-74-1	Hexachlorobenzene	
87-86-5	Pentachlorophenol	
85-01-8	Phenanthrene	
120-12-7	Anthracene	
84-74-2	Di-n-Butylphthalate	
206-44-0	Fluoranthene	
92-87-5	Benzidine	
129-00-0	Pyrene	
85-68-7	Butylbenzylphthalate	
91-94-1	3, 3'-Dichlorobenzidine	
56-55-3	Benzo(a)Anthracene	
117-81-7	bis(2-Ethylhexyl)Phthalate	
218-01-9	Chrysene	
117-84-0	Di-n-Octyl Phthalate	
205-99-2	Benzo(b)Fluoranthene	
207-08-9	Benzo(k)Fluoranthene	NA
50-32-8	Benzo(a)Pyrene	
193-39-5	Indeno(1, 2, 3-cd)Pyrene	
53-70-3	Dibenz(a, h)Anthracene	
191-24-2	Benzo(g, h, i)Perylene	

(1)-Cannot be separated from diphenylamine

Environmental Protection Agency. CLP Sample Management Office.
P. O. Box 818. Alexandria, Virginia 22313 703/557-2490

Sample Number
ED 106

Organics Analysis Data Sheet
(Page 3)

Pesticide/PCBs

Concentration: Low Medium (Circle One)

RECEIVED MAY 2 2 1985

Date Extracted/Prepared: _____

Date Analyzed: NA

Conc/Dil Factor: _____

CAS Number		ug/l or ug/Kg (Circle One)
319-84-6	Alpha-BHC	
319-85-7	Beta-BHC	
319-86-8	Delta-BHC	
58-89-9	Gamma-BHC (Lindane)	
76-44-8	Heptachlor	
309-00-2	Aldrin	
1024-57-3	Heptachlor Epoxide	
959-98-8	Endosulfan I	
60-57-1	Dieldrin	
72-55-9	4, 4'-DDE	
72-20-8	Endrin	
33213-65-9	Endosulfan II	
72-54-8	4, 4'-DDD	
7421-93-4	Endrin Aldehyde	
1031-07-8	Endosulfan Sulfate	
50-29-3	4, 4'-DDT	
72-43-5	Methoxychlor-	
53494-70-5	Endrin Ketone	
57-74-9	Chlordane	
8001-35-2	Toxaphene	
12674-11-2	Aroclor-1016	
11104-28-2	Aroclor-1221	
11141-16-5	Aroclor-1232	
53469-21-9	Aroclor-1242	
12672-29-6	Aroclor-1248	
11097-69-1	Aroclor-1254	
11096-82-5	Aroclor-1260	

NA

V_i = Volume of extract injected (ul)

V_s = Volume of water extracted (ml)

W_s = Weight of sample extracted (g)

V_t = Volume of total extract (ul)

V_s _____ or W_s _____ V_t _____ V_i _____

85FN04516

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818, Alexandria, Virginia 22313 703/557/2490

Sample Number
ED107

ORGANICS ANALYSIS DATA SHEET
(Page 1)

Laboratory Name: S-CUBED
Lab Sample ID No: ED107V (VOA)
Sample Matrix: WATER
Data Release Authorized By: _____

Case No: 4130
QC Report No: N.A.
Contract No: 68-01-7021
Date Sample Received: 04-05-85

G112

RECEIVED MAY 2 2 1985

VOLATILE COMPOUNDS
Concentration: Low Medium (Circle one)
Date Extracted/Prepared: 4-09-85
Date Analyzed: 4-09-85
Conc/Dil Factor: 1.00 pH: N.A.
Percent Moisture: N.A.
Percent Moisture (Decanted): N.A.

CAS Number		ug/l or ug/kg (Circle One)	CAS Number		ug/l or ug/kg (circle one)
74-87-3	CHLOROMETHANE	10 u	79-34-5	1,1,2,2-TETRACHLOROETHANE	5 u
74-83-9	BROMOMETHANE	10 u	78-87-5	1,2-DICHLOROPROPANE	5 u
75-01-4	VINYL CHLORIDE	10 u	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5 u
75-00-3	CHLOROETHANE	10 u	79-01-6	TRICHLOROETHENE	5 u
75-09-2	METHYLENE CHLORIDE	5.9 B	124-48-1	DIBROMOCHLOROMETHANE	5 u
67-64-1	ACETONE	10 JB	79-00-5	1,1,2-TRICHLOROETHANE	5 u
75-15-0	CARBON DISULFIDE	5 JB	71-43-2	BENZENE	5 J
75-35-4	1,1-DICHLOROETHENE	5 u	10061-01-5	CIS-1,3-DICHLOROPROPENE	5 u
75-34-3	1,1-DICHLOROETHANE	5 u	110-75-8	2-CHLOROETHYLVINYLETHER	10 u
156-60-5	TRANS-1,2-DICHLOROETHENE	5 u	75-25-2	BROMOFORM	5 u
67-66-3	CHLOROFORM	5 u	591-78-6	2-HEXANONE	10 u
107-06-2	1,2-DICHLOROETHANE	5 u	108-10-1	4-METHYL-2-PENTANONE	10 u
78-93-3	2-BUTANONE	10 u	127-18-4	TETRACHLOROETHENE	5 u
71-55-6	1,1,1-TRICHLOROETHANE	5 u	108-88-3	TOLUENE	5 u
56-23-5	CARBON TETRACHLORIDE	5 u	108-90-7	CHLOROBENZENE	5 u
108-05-4	VINYL ACETATE	10 u	100-41-4	ETHYLBENZENE	5 u
75-27-4	BROMODICHLOROMETHANE	5 u	100-42-5	STYRENE	5 u
				TOTAL XYLENES	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifier are used. Additional flags or footnotes explaning results are encouraged.However,the definition of each flag must be explicit.

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J Indicates an estimated value:This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. (eg.10J)

C this flag applies to pesticide parameters where the identification has been confirmed by GC/MS.Single component pesticides > or = 10 ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when analyte is found in the blank as well as sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S Matrix spiked compound.

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818 , Alexandria,Virginia 22313 703/557-2490

: Sample Number :
ED107 :

RECEIVED MAY 2 2 1985

G112 cont.

ORGANIC ANALYSIS DATA SHEET
(Page 2)

SEMIVOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 04-05-85
Date Analyzed: 04-17-85
Conc/Dil Factor: 1.000

CAS Number		ug/l or ug/kg (Circle one)	CAS Number		ug/l or ug/Kg (circle one)
62-75-9	N-NITROSODIMETHYLAMINE	10 u	83-32-9	ACENAPHTHENE	10 u
108-95-2	PHENOL	10 J	51-28-5	2,4-DINITROPHENOL	50 u
62-53-3	ANILINE	10 u	100-02-7	4-NITROPHENOL	50 u
111-44-4	BIS(2-CHLOROETHYL)ETHER	10 u	132-64-9	DIBENZOFURAN	10 u
95-57-8	2-CHLOROPHENOL	10 u	121-14-2	2,4-DINITROTOLUENE	10 u
541-73-1	1-3,DICHLOROBENZENE	10 u	606-20-2	2,6-DINITROTOLUENE	10 u
106-46-7	1,4-DICHLOROBENZENE	10 u	84-66-2	DIETHYLPHTHALATE	10 u
100-51-6	BENZYL ALCOHOL	10 u	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10 u
95-50-1	1,2-DICHLOROBENZENE	10 u	86-73-7	FLUORENE	10 u
95-48-7	2-METHYLPHENOL	10 u	100-01-6	4-NITROANILINE	50 u
39638-32-9	BIS(2-CHLOROISOPROPYL)ETHER	10 u	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50 u
106-44-5	4-METHYLPHENOL	10 u	86-30-6	N-NITROSODIPHENYLAMINE (1)	10 u
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10 u	101-55-3	4-BROMOPHENYL-PHENYLETHER	10 u
67-72-1	HEXACHLOROETHANE	10 u	118-74-1	HEXACHLOROBENZENE	10 u
98-95-3	NITROBENZENE	10 u	87-86-5	PENTACHLOROPHENOL	50 u
78-59-1	ISOPHRONE	10 u	85-01-8	PHENANTHRENE	10 u
88-75-5	2-NITROPHENOL	10 u	120-12-7	ANTHRACENE	10 u
105-67-9	2,4-DIMETHYLPHENOL	10 u	84-74-2	DI-N-BUTYLPHTHALATE	10 JB
65-85-0	BENZOIC ACID	50 u	206-44-0	FLUORANTHENE	10 u
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10 u	92-87-5	BENZIDINE	100 u
120-83-2	2,4-DICHLOROPHENOL	10 u	129-00-0	PYRENE	10 u
120-82-1	1,2,4-TRICHLOROBENZENE	10 u	85-68-7	BUTYLBENZYLPHTHALATE	10 u
91-20-3	NAPHTHALENE	10 u	91-94-1	3,3'-DICHLOROBENZIDINE	20 u
106-47-8	4-CHLOROANILINE	10 u	56-55-3	BENZO(a)ANTHRACENE	10 u
87-68-3	HEXACHLOROBUTADIENE	10 u	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10 J
59-50-7	4-CHLORO-3-METHYLPHENOL	10 u	218-01-9	CHRYSENE	10 u
91-57-6	2-METHYLNAPHTHALENE	10 u	117-84-0	DI-N-OCTYL PHTHALATE	10 u
77-47-4	HEXACHLOROCYCLOPENTADIENE	10 u	205-99-2	BENZO(b)FLUORANTHENE	10 u
88-06-2	2,4,6-TRICHLOROPHENOL	10 u	207-08-9	BENZO(k)FLUORANTHENE	10 u
95-95-4	2,4,5-TRICHLOROPHENOL	50 u	50-32-8	BENZO(a)PYRENE	10 u
91-58-7	2-CHLORONAPHTHALENE	10 u	193-39-5	INDENO(1,2,3-CD)PYRENE	10 u
88-74-4	2-NITROANILINE	50 u	53-70-3	DIBENZ(a,h)ANTHRACENE	10 u
131-11-3	DIMETHYL PHTHALATE	10 u	191-24-2	BENZO(ghi)PERYLENE	10 u
208-96-8	ACENAPHTHYLENE	10 u			
99-09-2	3-NITROANILINE	50 u			

(1)-Cannot be separated from diphenylamine

Environmental Protection Agency, CLP Sample Management Office
P.O. Box 818, Alexandria, Virgina 22313-703/557-2490

Sample Number
ED-107

ORGANICS ANALYSIS DATA SHEET
(Page 3)

RECEIVED MAY 2 2 1985

Pesticide/PCBs

Concentration: LOW
Date Extracted/Prepared: 4-8-85
Date Analyzed: 4-18-85
Conc/Dil Factor: 1.00

CAS # Number		ug/l or ug/Kg (Circle One)
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
7421-93-4	ENDRIN ALDEHYDE	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
57-74-9	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

Volume of water extracted (ml): 1000
Weight of sample extracted (g): N.A.
Volume of total extract (ml): 10.00
Volume of extract injected (ul): 1.00

** CONFIRMED BY GC DUAL COLUMN

85FN04517

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818, Alexandria, Virginia 22313 703/557/2490

Sample Number
ED108

G109

ORGANICS ANALYSIS DATA SHEET
(Page 1)

Laboratory Name: S-CUBED
Lab Sample ID No: ED108V (water)
Sample Matrix: WATER
Data Release Authorized By: JN

Case No: 4130
QC Report No: N.A.
Contract No: 68-01-7021
Date Sample Received: 04-05-85

RECEIVED MAY 22 1985

VOLATILE COMPOUNDS
Concentration: Low Medium (Circle one)
Date Extracted/Prepared: 4-09-85
Date Analyzed: 4-09-85
Conc/Dil Factor: 1.00 pH: N.A.
Percent Moisture: N.A.
Percent Moisture (Decanted): N.A.

CAS Number		ug/l or ug/kg (Circle One)	CAS Number		ug/l or ug/kg (circle one)
74-87-3	CHLOROMETHANE	10 u	79-34-5	1,1,2,2-TETRACHLOROETHANE	5 u
74-83-9	BROMOMETHANE	10 u	78-87-5	1,2-DICHLOROPROPANE	5 u
75-01-4	VINYL CHLORIDE	10 u	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5 u
75-00-3	CHLOROETHANE	10 u	79-01-6	TRICHLOROETHENE	5 u
75-09-2	METHYLENE CHLORIDE	20 B	124-48-1	DIBROMOCHLOROMETHANE	5 u
67-64-1	ACETONE	12 B	79-00-5	1,1,2-TRICHLOROETHANE	5 u
75-15-0	CARBON DISULFIDE	5 JB	71-43-2	BENZENE	5 u
75-35-4	1,1-DICHLOROETHENE	5 u	10061-01-5	CIS-1,3-DICHLOROPROPENE	5 u
75-34-3	1,1-DICHLOROETHANE	5 u	110-75-8	2-CHLOROETHYLVINYLETHER	10 u
156-60-5	TRANS-1,2-DICHLOROETHENE	5 u	75-25-2	BROMOFORM	5 u
67-66-3	CHLOROFORM	5 u	591-78-6	2-HEXANONE	10 u
107-06-2	1,2-DICHLOROETHANE	5 u	108-10-1	4-METHYL-2-PENTANONE	10 u
78-93-3	2-BUTANONE	10 u	127-18-4	TETRACHLOROETHENE	5 u
71-55-6	1,1,1-TRICHLOROETHANE	5 u	108-88-3	TOLUENE	5 u
56-23-5	CARBON TETRACHLORIDE	5 u	108-90-7	CHLOROBENZENE	5 u
108-05-4	VINYL ACETATE	10 u	100-41-4	ETHYLBENZENE	5 u
75-27-4	BROMODICHLOROMETHANE	5 u	100-42-5	STYRENE	5 u
				TOTAL XYLENES	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifier are used. Additional flags or footnotes explaning results are encouraged.However,the definition of each flag must be explicit.

Value: If the result is a value greater than or equal to the detection limit,report the value.

U Indicates compound was analyzed for but not detected.Report the minimum detection limit for the sample with the U (eg.10U) based on necessay concentration/dilution actions.(this is not necessarily the instrument detection limit.)The footnotes should read:U-Compound was analyzed for but not detected.The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value:This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. (eg.10J)

C this flag applies to pesticide parameters where the identification has been confirmed by GC/MS.Single component pesticides > or = 10 ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when analyte is found in the blank as well as sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S Matrix spiked compound.

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818 , Alexandria,Virginia 22313 703/557-2490

: Sample Number :
ED108 :

G109 Cont.

RECEIVED MAY 2 2 1985

ORGANIC ANALYSIS DATA SHEET
(Page 2)

SEMIVOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 04-05-85
Date Analyzed: 04-17-85
Conc/Dil Factor: 1.000

CAS Number		ug/l or ug/kg (Circle one)	CAS Number		ug/l or ug/Kg (circle one)
62-75-9	N-NITROSODIMETHYLAMINE	10 u	83-32-9	ACENAPHTHENE	10 u
108-95-2	PHENOL	10 u	51-28-5	2,4-DINITROPHENOL	50 u
62-53-3	ANILINE	10 u	100-02-7	4-NITROPHENOL	50 u
111-44-4	BIS(2-CHLOROETHYL)ETHER	10 u	132-64-9	DIBENZOFURAN	10 u
95-57-8	2-CHLOROPHENOL	10 u	121-14-2	2,4-DINITROTOLUENE	10 u
541-73-1	1-3,DICHLOROBENZENE	10 u	606-20-2	2,6-DINITROTOLUENE	10 u
106-46-7	1,4-DICHLOROBENZENE	10 u	84-66-2	DIETHYLPHTHALATE	10 u
100-51-6	BENZYL ALCOHOL	10 u	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10 u
95-50-1	1,2-DICHLOROBENZENE	10 u	86-73-7	FLUORENE	10 u
95-48-7	2-METHYLPHENOL	10 u	100-01-6	4-NITROANILINE	50 u
39638-32-9	BIS(2-CHLOROISOPROPYL)ETHER	10 u	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50 u
106-44-5	4-METHYLPHENOL	10 u	86-30-6	N-NITROSODIPHENYLAMINE (1)	10 u
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10 u	101-55-3	4-BROMOPHENYL-PHENYLETHER	10 u
67-72-1	HEXACHLOROETHANE	10 u	118-74-1	HEXACHLOROBENZENE	10 u
98-95-3	NITROBENZENE	10 u	87-86-5	PENTACHLOROPHENOL	50 u
78-59-1	ISOPHRONE	10 u	85-01-8	PHENANTHRENE	10 u
88-75-5	2-NITROPHENOL	10 u	120-12-7	ANTHRACENE	10 u
105-67-9	2,4-DIMETHYLPHENOL	10 u	84-74-2	DI-N-BUTYLPHTHALATE	10 JB
65-85-0	BENZOIC ACID	50 u	206-44-0	FLUORANTHENE	10 u
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10 u	92-87-5	BENZIDINE	100 u
120-83-2	2,4-DICHLOROPHENOL	10 u	129-00-0	PYRENE	10 u
120-82-1	1,2,4-TRICHLOROBENZENE	10 u	85-68-7	BUTYLBENZYLPHTHALATE	10 u
91-20-3	NAPHTHALENE	10 u	91-94-1	3,3'-DICHLOROBENZIDINE	20 u
106-47-8	4-CHLOROANILINE	10 u	56-55-3	BENZO(a)ANTHRACENE	10 u
87-68-3	HEXACHLOROBUTADIENE	10 u	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10 u
59-50-7	4-CHLORO-3-METHYLPHENOL	10 u	218-01-9	CHRYSENE	10 u
91-57-6	2-METHYLNAPHTHALENE	10 u	117-84-0	DI-N-OCTYL PHTHALATE	10 u
77-47-4	HEXACHLOROCYCLOPENTADIENE	10 u	205-99-2	BENZO(b)FLUORANTHENE	10 u
88-06-2	2,4,6-TRICHLOROPHENOL	10 u	207-08-9	BENZO(k)FLUORANTHENE	10 u
95-95-4	2,4,5-TRICHLOROPHENOL	50 u	50-32-8	BENZO(a)PYRENE	10 u
91-58-7	2-CHLORONAPHTHALENE	10 u	193-39-5	INDENO(1,2,3-CD)PYRENE	10 u
88-74-4	2-NITROANILINE	50 u	53-70-3	DIBENZ(a,h)ANTHRACENE	10 u
131-11-3	DIMETHYL PHTHALATE	10 u	191-24-2	BENZO(ghi)PERYLENE	10 u
208-96-8	ACENAPHTHYLENE	10 u			
99-09-2	3-NITROANILINE	50 u			

(1)-Cannot be separated from diphenylamine

Environmental Protection Agency, CLP Sample Management Office
P.O. Box 818, Alexandria, Virgina 22313-703/557-2490

Sample Number
ED-108

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticide/PCBs

RECEIVED MAY 2 2 1985

Concentration: LOW
Date Extracted/Prepared: 4-8-85
Date Analyzed: 4-18-85
Conc/Dil Factor: 1.00

CAS # Number		ug/l or ug/Kg (Circle One)
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
7421-93-4	ENDRIN ALDEHYDE	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
57-74-9	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

Volume of water extracted (ml): 1000
Weight of sample extracted (g): N.A.
Volume of total extract (ml): 10.00
Volume of extract injected (ul): 1.00

** CONFIRMED BY GC DUAL COLUMN

85FN04S18

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818, Alexandria, Virginia 22313 703/557/2490

Sample Number
ED109

ORGANICS ANALYSIS DATA SHEET
(Page 1)

Laboratory Name: S-CUBED
Lab Sample ID No: ED109V (W04)
Sample Matrix: WATER
Data Release Authorized By: ___

Case No: 4130
QC Report No: N.A.
Contract No: 68-01-7021
Date Sample Received: 04-05-85

G103

RECEIVED MAY 22 1985

VOLATILE COMPOUNDS
Concentration: Low Medium (Circle one)
Date Extracted/Prepared: 4-10-85
Date Analyzed: 4-10-85
Conc/Dil Factor: 1.00 pH: N.A.
Percent Moisture: N.A.
Percent Moisture (Decanted): N.A.

CAS Number		ug/l or ug/kg (Circle One)	CAS Number		ug/l or ug/kg (Circle one)
74-87-3	CHLOROMETHANE	10 u	79-34-5	1,1,2,2-TETRACHLOROETHANE	5 u
74-83-9	BROMOMETHANE	10 u	78-87-5	1,2-DICHLOROPROPANE	5 u
75-01-4	VINYL CHLORIDE	10 u	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5 u
75-00-3	CHLOROETHANE	10 u	79-01-6	TRICHLOROETHENE	5 u
75-09-2	METHYLENE CHLORIDE	11 B	124-48-1	DIBROMOCHLOROMETHANE	5 u
67-64-1	ACETONE	14 B	79-00-5	1,1,2-TRICHLOROETHANE	5 u
75-15-0	CARBON DISULFIDE	5 JB	71-43-2	BENZENE	5 J
75-35-4	1,1-DICHLOROETHENE	5 u	10061-01-5	CIS-1,3-DICHLOROPROPENE	5 u
75-34-3	1,1-DICHLOROETHANE	5 u	110-75-8	2-CHLOROETHYLVINYLETHER	10 u
156-60-5	TRANS-1,2-DICHLOROETHENE	5 u	75-25-2	BROMOFORM	5 u
67-66-3	CHLOROFORM	5 J	591-78-6	2-HEXANONE	10 u
107-06-2	1,2-DICHLOROETHANE	5 u	108-10-1	4-METHYL-2-PENTANONE	10 u
78-93-3	2-BUTANONE	10 u	127-18-4	TETRACHLOROETHENE	5 u
71-55-6	1,1,1-TRICHLOROETHANE	5 u	108-88-3	TOLUENE	5 u
56-23-5	CARBON TETRACHLORIDE	5 u	108-90-7	CHLOROBENZENE	5 u
108-05-4	VINYL ACETATE	10 u	100-41-4	ETHYLBENZENE	5 u
75-27-4	BROMODICHLOROMETHANE	5 u	100-42-5	STYRENE	5 u
				TOTAL XYLENES	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifier are used. Additional flags or footnotes explaning results are encouraged.However,the definition of each flag must be explicit.

Value: If the result is a value greater than or equal to the detection limit,report the value.

U Indicates compound was analyzed for but not detected.Report the minimum detection limit for the sample with the U (eg.10U) based on necessay concentration/dilution actions.(this is not necessarily the instrument detection limit.)The footnotes should read:U-Compound was analyzed for but not detected.The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value:This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. (eg.10J)

C this flag applies to pesticide parameters where the identification has been confirmed by GC/MS.Single component pesticides > or = 10 ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when analyte is found in the blank as well as sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S Matrix spiked compound.

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818 , Alexandria,Virginia 22313 703/557-2490

: Sample Number :
ED109 :

G103 cont.

RECEIVED MAY 22 1985

ORGANIC ANALYSIS DATA SHEET
(Page 2)

SEMIVOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 04-05-85
Date Analyzed: 04-17-85
Conc/Dil Factor: 1.000

CAS Number		ug/l or ug/kg (Circle one)	CAS Number		ug/l or ug/Kg (circle one)
62-75-9	N-NITROSODIMETHYLAMINE	10 u	83-32-9	ACENAPHTHENE	10 u
108-95-2	PHENOL	10 J	51-28-5	2,4-DINITROPHENOL	50 u
62-53-3	ANILINE	10 u	100-02-7	4-NITROPHENOL	50 u
111-44-4	BIS(2-CHLOROETHYL)ETHER	10 u	132-64-9	DIBENZOFURAN	10 u
95-57-8	2-CHLOROPHENOL	10 u	121-14-2	2,4-DINITROTOLUENE	10 u
541-73-1	1-3,DICHLOROBENZENE	10 u	606-20-2	2,6-DINITROTOLUENE	10 u
106-46-7	1,4-DICHLOROBENZENE	10 u	84-66-2	DIETHYLPHTHALATE	10 u
100-51-6	BENZYL ALCOHOL	10 u	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10 u
95-50-1	1,2-DICHLOROBENZENE	10 u	86-73-7	FLUORENE	10 u
95-48-7	2-METHYLPHENOL	10 u	100-01-6	4-NITROANILINE	50 u
39638-32-9	BIS(2-CHLOROISOPROPYL)ETHER	10 u	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50 u
106-44-5	4-METHYLPHENOL	10 u	86-30-6	N-NITROSODIPHENYLAMINE (1)	10 u
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10 u	101-55-3	4-BROMOPHENYL-PHENYLETHER	10 u
67-72-1	HEXACHLOROETHANE	10 u	118-74-1	HEXACHLOROBENZENE	10 u
98-95-3	NITROBENZENE	10 u	87-86-5	PENTACHLOROPHENOL	50 u
78-59-1	ISOPHRONE	10 u	85-01-8	PHENANTHRENE	10 u
88-75-5	2-NITROPHENOL	10 u	120-12-7	ANTHRACENE	10 u
105-67-9	2,4-DIMETHYLPHENOL	10 u	84-74-2	DI-N-BUTYLPHTHALATE	10 JB
65-85-0	BENZOIC ACID	50 u	206-44-0	FLUORANTHENE	10 u
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10 u	92-87-5	BENZIDINE	100 u
120-83-2	2,4-DICHLOROPHENOL	10 u	129-00-0	PYRENE	10 u
120-82-1	1,2,4-TRICHLOROBENZENE	10 u	85-68-7	BUTYLBENZYLPHTHALATE	10 u
91-20-3	NAPHTHALENE	10 u	91-94-1	3,3'-DICHLOROBENZIDINE	20 u
106-47-8	4-CHLOROANILINE	10 u	56-55-3	BENZO(a)ANTHRACENE	10 u
87-68-3	HEXACHLOROBUTADIENE	10 u	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10 J
59-50-7	4-CHLORO-3-METHYLPHENOL	10 u	218-01-9	CHRYSENE	10 u
91-57-6	2-METHYLNAPHTHALENE	10 u	117-84-0	DI-N-OCTYL PHTHALATE	10 u
77-47-4	HEXACHLOROCYCLOPENTADIENE	10 u	205-99-2	BENZO(b)FLUORANTHENE	10 u
88-06-2	2,4,6-TRICHLOROPHENOL	10 u	207-08-9	BENZO(k)FLUORANTHENE	10 u
95-95-4	2,4,5-TRICHLOROPHENOL	50 u	50-32-8	BENZO(a)PYRENE	10 u
91-58-7	2-CHLORONAPHTHALENE	10 u	193-39-5	INDENO(1,2,3-CD)PYRENE	10 u
88-74-4	2-NITROANILINE	50 u	53-70-3	DIBENZ(a,h)ANTHRACENE	10 u
131-11-3	DIMETHYL PHTHALATE	10 u	191-24-2	BENZO(ghi)PERYLENE	10 u
208-96-8	ACENAPHTHYLENE	10 u			
99-09-2	3-NITROANILINE	50 u			

(1)-Cannot be separated from diphenylamine

Enviromental Protection Agency, CLP Sample Management Office
P.O. Box 818, Alexandria, Virgina 22313-703/557-2490

Sample Number
ED-109

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticide/PCBs

RECEIVED MAY 2 2 1985

Concentration: LOW
Date Extracted/Prepared: 4-8-85
Date Analyzed: 4-18-85
Conc/Dil Factor: 1.00

CAS # Number		ug/l or ug/Kg (Circle One)
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
7421-93-4	ENDRIN ALDEHYDE	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
57-74-9	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

Volume of water extracted (ml): 1000
Weight of sample extracted (g): N.A.
Volume of total extract (ml): 10.00
Volume of extract injected (ul): 1.00

** CONFIRMED BY GC DUAL COLUMN

85FN04519

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818, Alexandria, Virginia 22313 703/557/2490

Sample Number
ED110

ORGANICS ANALYSIS DATA SHEET
(Page 1)

G104

Laboratory Name: S-CUBED
Lab Sample ID No: ED110V (WA)
Sample Matrix: WATER
Data Release Authorized By:

Case No: 4130
QC Report No: N.A.
Contract No: 68-01-7021
Date Sample Received: 04-05-85

RECEIVED MAY 2 2 1985

VOLATILE COMPOUNDS
Concentration: Low Medium (Circle one)
Date Extracted/Prepared: 4-09-85
Date Analyzed: 4-09-85
Conc/Dil Factor: 1.00 pH: N.A.
Percent Moisture: N.A.
Percent Moisture (Decanted): N.A.

CAS Number		ug/l or ug/kg (Circle One)	CAS Number		ug/l or ug/kg (circle one)
74-87-3	CHLOROMETHANE	10 u	79-34-5	1,1,2,2-TETRACHLOROETHANE	5 u
74-83-9	BROMOMETHANE	10 u	78-87-5	1,2-DICHLOROPROPANE	5 u
75-01-4	VINYL CHLORIDE	10 u	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5 u
75-00-3	CHLOROETHANE	10 u	79-01-6	TRICHLOROETHENE	5 u
75-09-2	METHYLENE CHLORIDE	5 JB	124-48-1	DIBROMOCHLOROMETHANE	5 u
67-64-1	ACETONE	10 B	79-00-5	1,1,2-TRICHLOROETHANE	5 u
75-15-0	CARBON DISULFIDE	5 JB	71-43-2	BENZENE	5 u
75-35-4	1,1-DICHLOROETHENE	5 u	10061-01-5	CIS-1,3-DICHLOROPROPENE	5 u
75-34-3	1,1-DICHLOROETHANE	5 u	110-75-8	2-CHLOROETHYLVINYLETHER	10 u
156-60-5	TRANS-1,2-DICHLOROETHENE	5 u	75-25-2	BROMOFORM	5 u
67-66-3	CHLOROFORM	5 u	591-78-6	2-HEXANONE	10 u
107-06-2	1,2-DICHLOROETHANE	5 u	108-10-1	4-METHYL-2-PENTANONE	10 u
78-93-3	2-BUTANONE	32	127-18-4	TETRACHLOROETHENE	5 u
71-55-6	1,1,1-TRICHLOROETHANE	5 u	108-88-3	TOLUENE	5 u
56-23-5	CARBON TETRACHLORIDE	5 u	108-90-7	CHLOROBENZENE	5 u
108-05-4	VINYL ACETATE	10 u	100-41-4	ETHYLBENZENE	5 u
75-27-4	BROMODICHLOROMETHANE	5 u	100-42-5	STYRENE	5 u
				TOTAL XYLENES	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifier are used. Additional flags or footnotes explaning results are encouraged.However,the definition of each flag must be explicit.

Value: If the result is a value greater than or equal to the detection limit,report the value.

U Indicates compound was analyzed for but not detected.Report the minimum detection limit for the sample with the U (eg.10U) based on necessay concentration/dilution actions.(this is not necessarily the instrument detection limit.)The footnotes should read:U-Compound was analyzed for but not detected.The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value:This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. (eg.10J)

C this flag applies to pesticide parameters where the identification has been confirmed by GC/MS.Single component pesticides > or = 10 ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when analyte is found in the blank as well as sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S Matrix spiked compound.

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818 , Alexandria,Virginia 22313 703/557-2490

: Sample Number :
ED110 :

G104 cont

RECEIVED MAY 2 2 1985

ORGANIC ANALYSIS DATA SHEET
(Page 2)

SEMIVOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 04-05-85
Date Analyzed: 04-17-85
Conc/Dil Factor: 0.500

CAS Number		ug/l or ug/kg (Circle one)	CAS Number		ug/l or ug/Kg (circle one)
62-75-9	N-NITROSODIMETHYLAMINE	20 u	83-32-9	ACENAPHTHENE	20 u
108-95-2	PHENOL	20 u	51-28-5	2,4-DINITROPHENOL	100 u
62-53-3	ANILINE	20 u	100-02-7	4-NITROPHENOL	100 u
111-44-4	BIS(2-CHLOROETHYL)ETHER	20 u	132-64-9	DIBENZOFURAN	20 u
95-57-8	2-CHLOROPHENOL	20 u	121-14-2	2,4-DINITROTOLUENE	20 u
541-73-1	1-3,DICHLOROBENZENE	20 u	606-20-2	2,6-DINITROTOLUENE	20 u
106-46-7	1,4-DICHLOROBENZENE	20 u	84-66-2	DIETHYLPHTHALATE	20 u
100-51-6	BENZYL ALCOHOL	20 u	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	20 u
95-50-1	1,2-DICHLOROBENZENE	20 u	86-73-7	FLUORENE	20 u
95-48-7	2-METHYLPHENOL	20 u	100-01-6	4-NITROANILINE	100 u
39638-32-9	BIS(2-CHLOROISOPROPYL)ETHER	20 u	534-52-1	4,6-DINITRO-2-METHYLPHENOL	100 u
106-44-5	4-METHYLPHENOL	20 u	86-30-6	N-NITROSODIPHENYLAMINE (1)	20 u
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	20 u	101-55-3	4-BROMOPHENYL-PHENYLETHER	20 u
67-72-1	HEXACHLOROETHANE	20 u	118-74-1	HEXACHLOROBENZENE	20 u
98-95-3	NITROBENZENE	20 u	87-86-5	PENTACHLOROPHENOL	100 u
78-59-1	ISOPHRONE	20 u	85-01-8	PHENANTHRENE	20 u
88-75-5	2-NITROPHENOL	20 u	120-12-7	ANTHRACENE	20 u
105-67-9	2,4-DIMETHYLPHENOL	20 u	84-74-2	DI-N-BUTYLPHTHALATE	20 JB
65-85-0	BENZOIC ACID	100 u	206-44-0	FLUORANTHENE	20 u
111-91-1	BIS(2-CHLOROETHOXY)METHANE	20 u	92-87-5	BENZIDINE	200 u
120-83-2	2,4-DICHLOROPHENOL	20 u	129-00-0	PYRENE	20 u
120-82-1	1,2,4-TRICHLOROBENZENE	20 u	85-68-7	BUTYLBENZYLPHTHALATE	20 u
91-20-3	NAPHTHALENE	20 u	91-94-1	3,3'-DICHLOROBENZIDINE	40 u
106-47-8	4-CHLOROANILINE	20 u	56-55-3	BENZO(a)ANTHRACENE	20 u
87-68-3	HEXACHLOROBUTADIENE	20 u	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20 u
59-50-7	4-CHLORO-3-METHYLPHENOL	20 u	218-01-9	CHRYSENE	20 u
91-57-6	2-METHYLNAPHTHALENE	20 u	117-84-0	DI-N-OCTYL PHTHALATE	20 u
77-47-4	HEXACHLOROCYCLOPENTADIENE	20 u	205-99-2	BENZO(b)FLUORANTHENE	20 u
88-06-2	2,4,6-TRICHLOROPHENOL	20 u	207-08-9	BENZO(k)FLUORANTHENE	20 u
95-95-4	2,4,5-TRICHLOROPHENOL	100 u	50-32-8	BENZO(a)PYRENE	20 u
91-58-7	2-CHLORONAPHTHALENE	20 u	193-39-5	INDENO(1,2,3-CD)PYRENE	20 u
88-74-4	2-NITROANILINE	100 u	53-70-3	DIBENZ(a,h)ANTHRACENE	20 u
131-11-3	DIMETHYL PHTHALATE	20 u	191-24-2	BENZO(ghi)PERYLENE	20 u
208-96-8	ACENAPHTHYLENE	20 u			
99-09-2	3-NITROANILINE	100 u			

(1)-Cannot be separated from diphenylamine

Environmental Protection Agency, CLP Sample Management Office
P.O. Box 818, Alexandria, Virgina 22313-703/557-2490

Sample Number
ED-110

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticide/PCBs

RECEIVED MAY 2 2 1985

Concentration: LOW
Date Extracted/Prepared: 4-8-85
Date Analyzed: 4-17-85
Conc/Dil Factor: 2.00

CAS # Number		ug/l or ug/Kg (Circle One)
319-84-6	ALPHA-BHC	0.10 u
319-85-7	BETA-BHC	0.10 u
319-86-8	DELTA-BHC	0.10 u
58-89-9	GAMMA-BHC (LINDANE)	0.10 u
76-44-8	HEPTACHLOR	0.10 u
309-00-2	ALDRIN	0.10 u
1024-57-3	HEPTACHLOR EPOXIDE	0.10 u
959-98-8	ENDOSULFAN I	0.10 u
60-57-1	DIELDRIN	0.20 u
72-55-9	4,4'-DDE	0.20 u
72-20-8	ENDRIN	0.20 u
33213-65-9	ENDOSULFAN II	0.20 u
72-54-8	4,4'-DDD	0.20 u
7421-93-4	ENDRIN ALDEHYDE	0.20 u
1031-07-8	ENDOSULFAN SULFATE	0.20 u
50-29-3	4,4'-DDT	0.20 u
72-43-5	METHOXYCHLOR	1.0 u
53494-70-5	ENDRIN KETONE	0.20 u
57-74-9	CHLORDANE	1.0 u
8001-35-2	TOXAPHENE	2.0 u
12674-11-2	AROCLOR-1016	1.0 u
11104-28-2	AROCLOR-1221	1.0 u
11141-16-5	AROCLOR-1232	1.0 u
53469-21-9	AROCLOR-1242	1.0 u
12672-29-6	AROCLOR-1248	1.0 u
11097-69-1	AROCLOR-1254	2.0 u
11096-82-5	AROCLOR-1260	2.0 u

Volume of water extracted (ml): 500
Weight of sample extracted (g): N.A.
Volume of total extract (ml): 10.00
Volume of extract injected (ul): 1.00

** CONFIRMED BY GC DUAL COLUMN

85FN04S20

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818, Alexandria, Virginia 22313 703/557/2490

Sample Number
ED111

ORGANICS ANALYSIS DATA SHEET
(Page 1)

Laboratory Name: S-CUBED
Lab Sample ID No: ED111V
Sample Matrix: WATER
Data Release Authorized By:

Case No: 4130
QC Report No: N.A.
Contract No: 68-01-7021
Date Sample Received: 04-05-85

G105

RECEIVED MAY 22 1985

VOLATILE COMPOUNDS
Concentration: Low Medium (Circle one)
Date Extracted/Prepared: 4-10-85
Date Analyzed: 4-10-85
Conc/Dil Factor: 1.00 pH: N.A.
Percent Moisture: N.A.
Percent Moisture (Decanted): N.A.

CAS Number		ug/l or ug/kg (Circle One)	CAS Number		ug/l or ug/kg (circle one)
74-87-3	CHLOROMETHANE	10 u	79-34-5	1,1,2,2-TETRACHLOROETHANE	5 u
74-83-9	BROMOMETHANE	10 u	78-87-5	1,2-DICHLOROPROPANE	5 u
75-01-4	VINYL CHLORIDE	10 u	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5 u
75-00-3	CHLOROETHANE	10 u	79-01-6	TRICHLOROETHENE	5 u
75-09-2	METHYLENE CHLORIDE	8.6 B	124-48-1	DIBROMOCHLOROMETHANE	5 u
67-64-1	ACETONE	10 JB	79-00-5	1,1,2-TRICHLOROETHANE	5 u
75-15-0	CARBON DISULFIDE	5 JB	71-43-2	BENZENE	5 u
75-35-4	1,1-DICHLOROETHENE	5 u	10061-01-5	CIS-1,3-DICHLOROPROPENE	5 u
75-34-3	1,1-DICHLOROETHANE	5 u	110-75-8	2-CHLOROETHYLVINYLETHER	10 u
156-60-5	TRANS-1,2-DICHLOROETHENE	5 u	75-25-2	BROMOFORM	5 u
67-66-3	CHLOROFORM	5 J —	591-78-6	2-HEXANONE	10 u
107-06-2	1,2-DICHLOROETHANE	5 u	108-10-1	4-METHYL-2-PENTANONE	10 u
78-93-3	2-BUTANONE	10 u	127-18-4	TETRACHLOROETHENE	5 u
71-55-6	1,1,1-TRICHLOROETHANE	5 u	108-88-3	TOLUENE	5 u
56-23-5	CARBON TETRACHLORIDE	5 u	108-90-7	CHLOROBENZENE	5 u
108-05-4	VINYL ACETATE	10 u	100-41-4	ETHYLBENZENE	5 u
75-27-4	BROMODICHLOROMETHANE	5 u	100-42-5	STYRENE	5 u
				TOTAL XYLENES	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifier are used. Additional flags or footnotes explaning results are encouraged.However,the definition of each flag must be explicit.

Value: If the result is a value greater than or equal to the detection limit,report the value.

U Indicates compound was analyzed for but not detected.Report the minimum detection limit for the sample with the U (eg.10U) based on necessay concentration/dilution actions.(this is not necessarily the instrument detection limit.)The footnotes should read:U-Compound was analyzed for but not detected.The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value:This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. (eg.10J)

C this flag applies to pesticide parameters where the identification has been confirmed by GC/MS.Single component pesticides > or = 10 ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when analyte is found in the blank as well as sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S Matrix spiked compound.

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818 , Alexandria,Virginia 22313 703/557-2490

: Sample Number :
ED111 :

G105 cont.

RECEIVED MAY 22 1985

ORGANIC ANALYSIS DATA SHEET
(Page 2)

SEMIVOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 04-05-85
Date Analyzed: 04-17-85
Conc/Dil Factor: 1.000

CAS Number		ug/l or ug/kg (Circle one)	CAS Number		ug/l or ug/Kg (circle one)
62-75-9	N-NITROSODIMETHYLAMINE	10 u	83-32-9	ACENAPHTHENE	10 u
108-95-2	PHENOL	10 u	51-28-5	2,4-DINITROPHENOL	50 u
62-53-3	ANILINE	10 u	100-02-7	4-NITROPHENOL	50 u
111-44-4	BIS(2-CHLOROETHYL)ETHER	10 u	132-64-9	DIBENZOFURAN	10 u
95-57-8	2-CHLOROPHENOL	10 u	121-14-2	2,4-DINITROTOLUENE	10 u
541-73-1	1-3,DICHLOROBENZENE	10 u	606-20-2	2,6-DINITROTOLUENE	10 u
106-46-7	1,4-DICHLOROBENZENE	10 u	84-66-2	DIETHYLPHTHALATE	10 u
100-51-6	BENZYL ALCOHOL	10 u	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10 u
95-50-1	1,2-DICHLOROBENZENE	10 u	86-73-7	FLUORENE	10 u
95-48-7	2-METHYLPHENOL	10 u	100-01-6	4-NITROANILINE	50 u
39638-32-9	BIS(2-CHLOROISOPROPYL)ETHER	10 u	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50 u
106-44-5	4-METHYLPHENOL	10 u	86-30-6	N-NITROSODIPHENYLAMINE (1)	10 u
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10 u	101-55-3	4-BROMOPHENYL-PHENYLETHER	10 u
67-72-1	HEXACHLOROETHANE	10 u	118-74-1	HEXACHLOROBENZENE	10 u
98-95-3	NITROBENZENE	10 u	87-86-5	PENTACHLOROPHENOL	50 u
78-59-1	ISOPHRONE	10 u	85-01-8	PHENANTHRENE	10 u
88-75-5	2-NITROPHENOL	10 u	120-12-7	ANTHRACENE	10 u
105-67-9	2,4-DIMETHYLPHENOL	10 u	84-74-2	DI-N-BUTYLPHTHALATE	10 ~~u~~ JB
65-85-0	BENZOIC ACID	50 u	206-44-0	FLUORANTHENE	10 u
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10 u	92-87-5	BENZIDINE	100 u
120-83-2	2,4-DICHLOROPHENOL	10 u	129-00-0	PYRENE	10 u
120-82-1	1,2,4-TRICHLOROBENZENE	10 u	85-68-7	BUTYLBENZYLPHTHALATE	10 u
91-20-3	NAPHTHALENE	10 u	91-94-1	3,3'-DICHLOROBENZIDINE	20 u
106-47-8	4-CHLOROANILINE	10 u	56-55-3	BENZO(a)ANTHRACENE	10 u
87-68-3	HEXACHLOROBUTADIENE	10 u	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10 J
59-50-7	4-CHLORO-3-METHYLPHENOL	10 u	218-01-9	CHRYSENE	10 u
91-57-6	2-METHYLNAPHTHALENE	10 u	117-84-0	DI-N-OCTYL PHTHALATE	10 u
77-47-4	HEXACHLOROCYCLOPENTADIENE	10 u	205-99-2	BENZO(b)FLUORANTHENE	10 u
88-06-2	2,4,6-TRICHLOROPHENOL	10 u	207-08-9	BENZO(k)FLUORANTHENE	10 u
95-95-4	2,4,5-TRICHLOROPHENOL	50 u	50-32-8	BENZO(a)PYRENE	10 u
91-58-7	2-CHLORONAPHTHALENE	10 u	193-39-5	INDENO(1,2,3-CD)PYRENE	10 u
88-74-4	2-NITROANILINE	50 u	53-70-3	DIBENZ(a,h)ANTHRACENE	10 u
131-11-3	DIMETHYL PHTHALATE	10 u	191-24-2	BENZO(ghi)PERYLENE	10 u
208-96-8	ACENAPHTHYLENE	10 u			
99-09-2	3-NITROANILINE	50 u			

(1)-Cannot be separated from diphenylamine

Environmental Protection Agency, CLP Sample Management Office
P.O. Box 818, Alexandria, Virgina 22313-703/557-2490

Sample Number
ED-111

ORGANICS ANALYSIS DATA SHEET
(Page 3)

RECEIVED MAY 22 1985

Pesticide/PCBs

Concentration: LOW
Date Extracted/Prepared: 4-8-85
Date Analyzed: 4-18-85
Conc/Dil Factor: 1.00

CAS # Number		ug/l or ug/Kg (Circle One)
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
7421-93-4	ENDRIN ALDEHYDE	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
57-74-9	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

Volume of water extracted (ml): 1000
Weight of sample extracted (g): N.A.
Volume of total extract (ml): 10.00
Volume of extract injected (ul): 1.00

** CONFIRMED BY GC DUAL COLUMN

85FNC4D20

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818, Alexandria, Virginia 22313 703/557/2490

Sample Number
ED112

ORGANICS ANALYSIS DATA SHEET
(Page 1)

Laboratory Name: S-CUBED
Lab Sample ID No: ED112V (VOA)
Sample Matrix: WATER
Data Release Authorized By: pw

Case No: 4130
QC Report No: N.A.
Contract No: 68-01-7021
Date Sample Received: 04-05-85

Dup-105.

VOLATILE COMPOUNDS
Concentration: Low Medium (Circle one)
Date Extracted/Prepared: 4-10-85
Date Analyzed: 4-10-85
Conc/Dil Factor: 1.00 pH: N.A.
Percent Moisture: N.A.
Percent Moisture (Decanted): N.A.

RECEIVED MAY 22 1985

CAS Number		ug/l or ug/kg (Circle One)	CAS Number		ug/l or ug/kg (Circle one)
74-87-3	CHLOROMETHANE	10 u	79-34-5	1,1,2,2-TETRACHLOROETHANE	5 u
74-83-9	BROMOMETHANE	10 u	78-87-5	1,2-DICHLOROPROPANE	5 u
75-01-4	VINYL CHLORIDE	10 u	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5 u
75-00-3	CHLOROETHANE	10 u	79-01-6	TRICHLOROETHENE	5 u
75-09-2	METHYLENE CHLORIDE	8.6 B	124-48-1	DIBROMOCHLOROMETHANE	5 u
67-64-1	ACETONE	10 JB	79-00-5	1,1,2-TRICHLOROETHANE	5 u
75-15-0	CARBON DISULFIDE	5 JB	71-43-2	BENZENE	5 u
75-35-4	1,1-DICHLOROETHENE	5 u	10061-01-5	CIS-1,3-DICHLOROPROPENE	5 u
75-34-3	1,1-DICHLOROETHANE	5 u	110-75-8	2-CHLOROETHYLVINYLETHER	10 u
156-60-5	TRANS-1,2-DICHLOROETHENE	5 u	75-25-2	BROMOFORM	5 u
67-66-3	CHLOROFORM	5 u	591-78-6	2-HEXANONE	10 u
107-06-2	1,2-DICHLOROETHANE	5 u	108-10-1	4-METHYL-2-PENTANONE	10 u
78-93-3	2-BUTANONE	10 u	127-18-4	TETRACHLOROETHENE	5 u
71-55-6	1,1,1-TRICHLOROETHANE	5 u	108-88-3	TOLUENE	5 u
56-23-5	CARBON TETRACHLORIDE	5 u	108-90-7	CHLOROBENZENE	5 u
108-05-4	VINYL ACETATE	10 u	100-41-4	ETHYLBENZENE	5 u
75-27-4	BROMODICHLOROMETHANE	5 u	100-42-5	STYRENE	5 u
				TOTAL XYLENES	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifier are used. Additional flags or footnotes explaning results are encouraged.However,the definition of each flag must be explicit.

Value: If the result is a value greater than or equal to the detection limit,report the value.

U Indicates compound was analyzed for but not detected.Report the minimum detection limit for the sample with the U (eg.10U) based on necessay concentration/dilution actions.(this is not necessarily the instrument detection limit.)The footnotes should read:U-Compound was analyzed for but not detected.The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value:This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. (eg.10J)

C this flag applies to pesticide parameters where the identification has been confirmed by GC/MS.Single component pesticides > or = 10 ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when analyte is found in the blank as well as sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S Matrix spiked compound.

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818 , Alexandria,Virginia 22313 703/557-2490

: Sample Number :
ED112 :

ORGANIC ANALYSIS DATA SHEET
(Page 2)

SEMIVOLATILE COMPOUNDS

RECEIVED MAY 22 1985

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 04-05-85
Date Analyzed: 04-17-85
Conc/Dil Factor: 1.000

CAS Number		ug/l or ug/kg (Circle one)	CAS Number		ug/l or ug/Kg (Circle one)
62-75-9	N-NITROSODIMETHYLAMINE	10 u	83-32-9	ACENAPHTHENE	10 u
108-95-2	PHENOL	10 u	51-28-5	2,4-DINITROPHENOL	50 u
62-53-3	ANILINE	10 u	100-02-7	4-NITROPHENOL	50 u
111-44-4	BIS(2-CHLOROETHYL)ETHER	10 u	132-64-9	DIBENZOFURAN	10 u
95-57-8	2-CHLOROPHENOL	10 u	121-14-2	2,4-DINITROTOLUENE	10 u
541-73-1	1-3,DICHLOROBENZENE	10 u	606-20-2	2,6-DINITROTOLUENE	10 u
106-46-7	1,4-DICHLOROBENZENE	10 u	84-66-2	DIETHYLPHTHALATE	10 u
100-51-6	BENZYL ALCOHOL	10 u	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10 u
95-50-1	1,2-DICHLOROBENZENE	10 u	86-73-7	FLUORENE	10 u
95-48-7	2-METHYLPHENOL	10 u	100-01-6	4-NITROANILINE	50 u
39638-32-9	BIS(2-CHLOROISOPROPYL)ETHER	10 u	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50 u
106-44-5	4-METHYLPHENOL	10 u	86-30-6	N-NITROSODIPHENYLAMINE (1)	10 u
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10 u	101-55-3	4-BROMOPHENYL-PHENYLETHER	10 u
67-72-1	HEXACHLOROETHANE	10 u	118-74-1	HEXACHLOROBENZENE	10 u
98-95-3	NITROBENZENE	10 u	87-86-5	PENTACHLOROPHENOL	50 u
78-59-1	ISOPHRONE	10 u	85-01-8	PHENANTHRENE	10 u
88-75-5	2-NITROPHENOL	10 u	120-12-7	ANTHRACENE	10 u
105-67-9	2,4-DIMETHYLPHENOL	10 u	84-74-2	DI-N-BUTYLPHTHALATE	10 JB
65-85-0	BENZOIC ACID	50 u	206-44-0	FLUORANTHENE	10 u
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10 u	92-87-5	BENZIDINE	100 u
120-83-2	2,4-DICHLOROPHENOL	10 u	129-00-0	PYRENE	10 u
120-82-1	1,2,4-TRICHLOROBENZENE	10 u	85-68-7	BUTYLBENZYLPHTHALATE	10 u
91-20-3	NAPHTHALENE	10 u	91-94-1	3,3'-DICHLOROBENZIDINE	20 u
106-47-8	4-CHLOROANILINE	10 u	56-55-3	BENZO(a)ANTHRACENE	10 u
87-68-3	HEXACHLOROBUTADIENE	10 u	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10 J
59-50-7	4-CHLORO-3-METHYLPHENOL	10 u	218-01-9	CHRYSENE	10 u
91-57-6	2-METHYLNAPHTHALENE	10 u	117-84-0	DI-N-OCTYL PHTHALATE	10 u
77-47-4	HEXACHLOROCYCLOPENTADIENE	10 u	205-99-2	BENZO(b)FLUORANTHENE	10 u
88-06-2	2,4,6-TRICHLOROPHENOL	10 u	207-08-9	BENZO(k)FLUORANTHENE	10 u
95-95-4	2,4,5-TRICHLOROPHENOL	50 u	50-32-8	BENZO(a)PYRENE	10 u
91-58-7	2-CHLORONAPHTHALENE	10 u	193-39-5	INDENO(1,2,3-CD)PYRENE	10 u
88-74-4	2-NITROANILINE	50 u	53-70-3	DIBENZ(a,h)ANTHRACENE	10 u
131-11-3	DIMETHYL PHTHALATE	10 u	191-24-2	BENZO(ghi)PERYLENE	10 u
208-96-8	ACENAPHTHYLENE	10 u			
99-09-2	3-NITROANILINE	50 u			

(1)-Cannot be separated from diphenylamine

Environmental Protection Agency, CLP Sample Management Office
P.O. Box 818, Alexandria, Virgina 22313-703/557-2490

Sample Number
ED-112

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticide/PCBs

Concentration: LOW
Date Extracted/Prepared: 4-8-85
Date Analyzed: 4-18-85
Conc/Dil Factor: 1.00

CAS # Number		ug/l or ug/Kg (Circle One)
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
7421-93-4	ENDRIN ALDEHYDE	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
57-74-9	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

Volume of water extracted (ml): 1000
Weight of sample extracted (g): N.A.
Volume of total extract (ml): 10.00
Volume of extract injected (ul): 1.00

** CONFIRMED BY GC DUAL COLUMN

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818, Alexandria, Virginia 22313 703/557/2490

Sample Number
ED113

ORGANICS ANALYSIS DATA SHEET
(Page 1)

Laboratory Name: S-CUBED
Lab Sample ID No: ED113V (VOA)
Sample Matrix: WATER
Data Release Authorized By: N

Case No: 4130
QC Report No: N.A.
Contract No: 68-01-7021
Date Sample Received: 04-05-85

Blank

VOLATILE COMPOUNDS
Concentration: Low Medium (Circle one)
Date Extracted/Prepared: 4-09-85
Date Analyzed: 4-09-85
Conc/Dil Factor: 1.00 pH: N.A.
Percent Moisture: N.A.
Percent Moisture (Decanted): N.A.

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CAS Number		ug/l or ug/kg (Circle One)	CAS Number		ug/l or ug/kg (Circle one)
74-87-3	CHLOROMETHANE	10 u	79-34-5	1,1,2,2-TETRACHLOROETHANE	5 u
74-83-9	BROMOMETHANE	10 u	78-87-5	1,2-DICHLOROPROPANE	5 u
75-01-4	VINYL CHLORIDE	10 u	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5 u
75-00-3	CHLOROETHANE	10 u	79-01-6	TRICHLOROETHENE	5 u
75-09-2	METHYLENE CHLORIDE	32 B	124-48-1	DIBROMOCHLOROMETHANE	5 u
67-64-1	ACETONE	10 JB	79-00-5	1,1,2-TRICHLOROETHANE	5 u
75-15-0	CARBON DISULFIDE	5 JB	71-43-2	BENZENE	5 u
75-35-4	1,1-DICHLOROETHENE	5 u	10061-01-5	CIS-1,3-DICHLOROPROPENE	5 u
75-34-3	1,1-DICHLOROETHANE	5 u	110-75-8	2-CHLOROETHYLVINYLETHER	10 u
156-60-5	TRANS-1,2-DICHLOROETHENE	5 u	75-25-2	BROMOFORM	5 u
67-66-3	CHLOROFORM	5 u	591-78-6	2-HEXANONE	10 u
107-06-2	1,2-DICHLOROETHANE	5 u	108-10-1	4-METHYL-2-PENTANONE	10 u
78-93-3	2-BUTANONE	10 u	127-18-4	TETRACHLOROETHENE	5 u
71-55-6	1,1,1-TRICHLOROETHANE	5 u	108-88-3	TOLUENE	5 J
56-23-5	CARBON TETRACHLORIDE	5 u	108-90-7	CHLOROBENZENE	5 u
108-05-4	VINYL ACETATE	10 u	100-41-4	ETHYLBENZENE	5 u
75-27-4	BROMODICHLOROMETHANE	5 u	100-42-5	STYRENE	5 u
				TOTAL XYLENES	5 u

Data Reporting Qualifiers

For reporting results to EPA, the following results qualifier are used. Additional flags or footnotes explaning results are encouraged.However,the definition of each flag must be explicit.

Value: If the result is a value greater than or equal to the detection limit,report the value.

U Indicates compound was analyzed for but not detected.Report the minimum detection limit for the sample with the U (eg.10U) based on necessay concentration/dilution actions.(this is not necessarily the instrument detection limit.)The footnotes should read:U-Compound was analyzed for but not detected.The number is the minimum attainable detection limit for the sample.

J Indicates an estimated value:This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. (eg.10J)

C this flag applies to pesticide parameters where the identification has been confirmed by GC/MS.Single component pesticides > or = 10 ng/ul in the final extract should be confirmed by GC/MS.

B This flag is used when analyte is found in the blank as well as sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

S Matrix spiked compound.

85FN04 R02

: Sample Number :
ED113 :

Environmental Protection Agency, CLP Sample Management Office,
P.O Box 818 , Alexandria,Virginia 22313 703/557-2490

ORGANIC ANALYSIS DATA SHEET
(Page 2)

Blank cont

RECEIVED MAY 2 2 1985

SEMIVOLATILE COMPOUNDS

Concentration: Low Medium (Circle One)
Date Extracted/Prepared: 04-05-85
Date Analyzed: 04-17-85
Conc/Dil Factor: 1.000

CAS Number		ug/l or ug/kg (Circle one)	CAS Number		ug/l or ug/Kg (Circle one)
62-75-9	N-NITROSODIMETHYLAMINE	10 u	83-32-9	ACENAPHTHENE	10 u
108-95-2	PHENOL	10 J	51-28-5	2,4-DINITROPHENOL	50 u
62-53-3	ANILINE	10 u	100-02-7	4-NITROPHENOL	50 u
111-44-4	BIS(2-CHLOROETHYL)ETHER	10 u	132-64-9	DIBENZOFURAN	10 u
95-57-8	2-CHLOROPHENOL	10 u	121-14-2	2,4-DINITROTOLUENE	10 u
541-73-1	1-3,DICHLOROBENZENE	10 u	606-20-2	2,6-DINITROTOLUENE	10 u
106-46-7	1,4-DICHLOROBENZENE	10 u	84-66-2	DIETHYLPHTHALATE	10 u
100-51-6	BENZYL ALCOHOL	10 u	7005-72-3	4-CHLOROPHENYL-PHENYLETHER	10 u
95-50-1	1,2-DICHLOROBENZENE	10 u	86-73-7	FLUORENE	10 u
95-48-7	2-METHYLPHENOL	10 u	100-01-6	4-NITROANILINE	50 u
39638-32-9	BIS(2-CHLOROISOPROPYL)ETHER	10 u	534-52-1	4,6-DINITRO-2-METHYLPHENOL	50 u
106-44-5	4-METHYLPHENOL	10 u	86-30-6	N-NITROSODIPHENYLAMINE (1)	10 u
621-64-7	N-NITROSO-DI-N-PROPYLAMINE	10 u	101-55-3	4-BROMOPHENYL-PHENYLETHER	10 u
67-72-1	HEXACHLOROETHANE	10 u	118-74-1	HEXACHLOROBENZENE	10 u
98-95-3	NITROBENZENE	10 u	87-86-5	PENTACHLOROPHENOL	50 u
78-59-1	ISOPHRONE	10 u	85-01-8	PHENANTHRENE	10 u
88-75-5	2-NITROPHENOL	10 u	120-12-7	ANTHRACENE	10 u
105-67-9	2,4-DIMETHYLPHENOL	10 u	84-74-2	DI-N-BUTYLPHTHALATE	10 JB
65-85-0	BENZOIC ACID	50 u	206-44-0	FLUORANTHENE	10 u
111-91-1	BIS(2-CHLOROETHOXY)METHANE	10 u	92-87-5	BENZIDINE	100 u
120-83-2	2,4-DICHLOROPHENOL	10 u	129-00-0	PYRENE	10 u
120-82-1	1,2,4-TRICHLOROBENZENE	10 u	85-68-7	BUTYLBENZYLPHTHALATE	10 u
91-20-3	NAPHTHALENE	10 u	91-94-1	3,3'-DICHLOROBENZIDINE	20 u
106-47-8	4-CHLOROANILINE	10 u	56-55-3	BENZO(a)ANTHRACENE	10 u
87-68-3	HEXACHLOROBUTADIENE	10 u	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10 u
59-50-7	4-CHLORO-3-METHYLPHENOL	10 u	218-01-9	CHRYSENE	10 u
91-57-6	2-METHYLNAPHTHALENE	10 u	117-84-0	DI-N-OCTYL PHTHALATE	10 u
77-47-4	HEXACHLOROCYCLOPENTADIENE	10 u	205-99-2	BENZO(b)FLUORANTHENE	10 u
88-06-2	2,4,6-TRICHLOROPHENOL	10 u	207-08-9	BENZO(k)FLUORANTHENE	10 u
95-95-4	2,4,5-TRICHLOROPHENOL	50 u	50-32-8	BENZO(a)PYRENE	10 u
91-58-7	2-CHLORONAPHTHALENE	10 u	193-39-5	INDENO(1,2,3-CD)PYRENE	10 u
88-74-4	2-NITROANILINE	50 u	53-70-3	DIBENZ(a,h)ANTHRACENE	10 u
131-11-3	DIMETHYL PHTHALATE	10 u	191-24-2	BENZO(ghi)PERYLENE	10 u
208-96-8	ACENAPHTHYLENE	10 u			
99-09-2	3-NITROANILINE	50 u			

(1)-Cannot be separated from diphenylamine

Environmental Protection Agency, CLP Sample Management Office
P.O. Box 818, Alexandria, Virgina 22313-703/557-2490

Sample Number
ED-113

ORGANICS ANALYSIS DATA SHEET
(Page 3)

Pesticide/PCBs

Concentration: LOW
Date Extracted/Prepared: 4-8-85
Date Analyzed: 4-18-85
Conc/Dil Factor: 1.00

CAS # Number		ug/l or ug/Kg (Circle One)
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
7421-93-4	ENDRIN ALDEHYDE	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
57-74-9	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

Volume of water extracted (ml): 1000
Weight of sample extracted (g): N.A.
Volume of total extract (ml): 10.00
Volume of extract injected (ul): 1.00

RECEIVED MAY 2 2 1985

** CONFIRMED BY GC DUAL COLUMN

Case: 4130

Contractor: S-CUBED

TENTATIVELY IDENTIFIED COMPOUNDS
MATCH ASSESSMENT

NOTE: Reviewer should note directly on Organic Analysis Data Sheet (OADS) those matches that in his opinion (based on contract criteria) are unreasonable.

CRITERIA

(1) Relative intensities of major ions (>10%) reference spectrum should be present in the sample spectrum.

(2) Relative intensities of major ions in sample spectrum should agree to within ± 20% of reference spectrum intensities.

(3) Molecular ions present in reference spectrum should be present in sample spectrum.

(4) Ions present in sample spectrum, but not in reference spectrum should be reviewed for possible background contamination or presence of coeluting interferences.

(5) Ions present in reference spectrum, but not in the sample spectrum should be reviewed for possible subtraction from the sample spectrum because of background contamination or coeluting interferences.

(6) If, in the reviewer's opinion, no valid identification can be made the compound should be labelled as "unknown" and the initials and date of the reviewer placed on the OADS.

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Environmental Protection Agency. CLP Sample Management Office.
P. O. Box 818. Alexandria, Virginia 22313 703/557-2490

Sample Number
ED 105

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/l or ug/kg)
1. NA	NONC	VOA	NA	NA
2.				
3.				
4.				
5.				
6.				
7.				
8.				
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29.				
30.				

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Environmental Protection Agency. CLP Sample Management Office.
P O Box 818. Alexandria, Virginia 22313 703/557-2490

Sample Number
SD 106

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/l or ug/kg)
1. NA	UNKNOWN	VOA	225	57J
2.				
3.				
4.				
5.				
6.				
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28.				
29.				
30.				

RECEIVED MAY 22 1985

SAMPLE NUMBER: ED107

ORGANICS ANALYSIS DATA SHEET
(PAGE 4)

TENTATIVELY IDENTIFIED COMPOUNDS

	CAS #	COMPOUND NAME	FRACTION	SCAN	ESTIMATED CONCENTRATION uG/L	uG/KG
1		UNKNOWN	ABN	459	17.0 JB	
2		UNKNOWN	ABN	349	16.0 JB	
3	127-18-4	ETHENE, TETRACHLORO-	ABN	379	12.0 JB	
4		NONE	VOA	NA	NA	

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SAMPLE NUMBER: ED108

ORGANICS ANALYSIS DATA SHEET
(PAGE 4)

TENTATIVELY IDENTIFIED COMPOUNDS

	CAS #	COMPOUND NAME	FRACTION	SCAN	ESTIMATED CONCENTRATION uG/L or uG/KG
1	127-18-4	ETHENE, TETRACHLORO-	ABN	383	11.0 JB
2		UNKNOWN	VOA	42	5.6 JB

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SAMPLE NUMBER: ED109

ORGANICS ANALYSIS DATA SHEET
(PAGE 4)

TENTATIVELY IDENTIFIED COMPOUNDS

	CAS #	COMPOUND NAME	FRACTION	SCAN	ESTIMATED CONCENTRATION uG/L	uG/KG
1	928-94-9	2-HEXEN-1-OL, (Z)-	ABN	499	35.0 J	
2		UNKNOWN	ABN	511	24.0 J	
3	127-18-4	ETHENE, TETRACHLORO-	ABN	371	9.3 JB	
4		UNKNOWN	VOA	220	43 J	
5		UNKNOWN	VOA	42	5.8 JB	

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SAMPLE NUMBER: ED110

ORGANICS ANALYSIS DATA SHEET
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TENTATIVELY IDENTIFIED COMPOUNDS

	CAS #	COMPOUND NAME	FRACTION	SCAN	ESTIMATED CONCENTRATION uG/L	uG/KG
1		UNKNOWN	ABN	1606	265.0 J	
2		UNKNOWN	ABN	353	45.0 JB	
3	127-18-4	ETHENE, TETRACHLORO-	ABN	384	20.0 JB	
4		UNKNOWN	VOA	44	6.8 JB	

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SAMPLE NUMBER: ED111

ORGANICS ANALYSIS DATA SHEET
(PAGE 4)

TENTATIVELY IDENTIFIED COMPOUNDS

	CAS #	COMPOUND NAME	FRACTION	SCAN	ESTIMATED CONCENTRATION uG/L	uG/KG
1		UNKNOWN	ABN	1598	23.0 J	
2		UNKNOWN	ABN	1791	12.0 J	
3		NONE	VOA	NA	NA	

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Environmental Protection Agency. CLP Sample Management Office.
P O Box 818. Alexandria, Virginia 22313 703/557-2490

Sample Number
ED 112

Organics Analysis Data Sheet
(Page 4)

Tentatively Identified Compounds

CAS Number	Compound Name	Fraction	RT or Scan Number	Estimated Concentration (ug/l or ug/kg)
1. 127-18-4	TETRACHLOROETHENE	ABN	368	12 JB
2. NA	UNKNOWN	ABN	1598	30 J
3. NA	UNKNOWN	VOA	40	5.1 JB
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RECEIVED MAY 22 1985

SAMPLE NUMBER: ED113

ORGANICS ANALYSIS DATA SHEET
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TENTATIVELY IDENTIFIED COMPOUNDS

	CAS #	COMPOUND NAME	FRACTION	SCAN	ESTIMATED CONCENTRATION uG/L	uG/KG
1	127-18-4	ETHENE, TETRACHLORO-	ABN	390	14.0 JB	
2		UNKNOWN	ABN	467	14.0 JB	
3		UNKNOWN	VOA	95	13 J	

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