PROJECT NAME: American Viscose/FMC
TDD NO: F3-8405-23

EPA SITE NO.: PA-730
REGION: III

QUALITY ASSURANCE REVIEW OF INORGANIC ANALYTICAL DATA PACKAGE

Case No.: 3907
Contract No.: 68-01-6631
Contract Laboratory: US TESTING
Applicable IFB No.: WA 82-A073
Reviewer: D. White
Review Date: 8-1-84

Applicable Sample No's.:
MC 3946 - MC 3959
MC 4074
MC 4078

The inorganic analytical data for this case has been reviewed. The quality assurance evaluation is summarized in the following table:

Reviewer's Evaluation*	Fraction			
	TASK I ICP or AA METALS	TASK II FURNACE AA METALS	TASK III COLD VAPOR AA MERCURY	TASK III CYANIDE
Acceptable		X	X	X
Acceptable with exception(s)	X (1)			
Questionable				
Unacceptable				

* Definitions of the evaluation score categories are listed on next page.

This evaluation was based upon an analysis of the review items indicated below:

- ◐ DATA COMPLETENESS
- ◕ BLANK ANALYSIS RESULTS
- ● MATRIX SPIKE RESULTS
- ● DUPLICATE ANALYSIS RESULTS
- ○ STANDARD ADDITIONS RESULTS
- ● QUANTITATIVE CALCULATIONS
- ● INITIAL CALIBRATION VERIFICATION
- ● CONTINUING CALIBRATION VERIFICATION
- ● INTERFERENCE QC RESULTS
- ● DETECTION LIMITS RESULTS
- ● INSTRUMENT SENSITIVITY REPORTS

Data review forms are attached for each of the review items indicated above.

‡ No errors noted, no form attached.

◒ Spot Check performed.

Comments:

(1) BLANK RESULTS

DATA EVALUATION SCORE CATEGORIES

ACCEPTABLE: Data is within established control limits, or the data which is outside established control limits does not affect the validity of the analytical results.

ACCEPTABLE WITH EXCEPTION(S): Data is not completely within established control limits. The deficiences are identified and specific data is still valid, given certain qualifications which are listed below.

QUESTIONABLE: Data is not within established control limits. The deficiences bring the validity of the entire data set into question. However, the data validity is neither proved nor disproved by the available information.

UNACCEPTABLE: Data is not within established control limits. The deficiences imply the results are not meaningful.

DATA COMPLETENESS	CONC./ MATRIX	LO AQ	LO AQ	LO AQ	LO AQ	LO AQ	LO AQ	LO SOL	LO SOL	LO SOL	LO SOL	LO SOL	LO SOL	LO SOL	LO SOL	LO AQ
	TRAFFIC REPORT #	MC 3946	MC 3947	MC 3948	MC 3949	MC 3950	MC 3951	MC 3952	MC 3953	MC 3954	MC 3955	MC 3956	MC 3957	MC 3958	MC 3959	MC 4074
	LAB I.D. #	76 131-1	76 131-2	76 131-3	76 131-4	76 131-5	76 131-6	76 131-7	76 131-8	76 131-9	76 131-10	76 131-11	76 131-12	76 131-13	76 131-14	76 131-15
FIELD QC	BLANK															✓
	DUPLICATE															
	SPIKE															
TASK I: ICAP OR AA: METALS	RAW DATA	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	TAB. RESULTS	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	TAB. D.L.'s	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	QA FORM	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	ICAP INTER. QC	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	INSTR. SENS.	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
TASK II: FURNACE AA: METALS	RAW DATA	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	TAB. RESULTS	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	TAB. D.L.'s	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	QA FORM	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	INSTR. SENS.	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
TASK II: COLD VAPOR AA: MERCURY	RAW DATA	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	TAB. RESULTS	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	TAB. D.L.'s	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	QA FORM	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	INSTR. SENS.	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
TASK III: CYANIDE	RAW DATA		—	—	—	—	—	—	—	—	—	—	—	—	—	→
	TAB. RESULTS	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	TAB. D.L.'s	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	QA FORM.	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
	INSTR. SENS.	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	→
OTHER (SPECIFY):	RAW DATA															
	TAB. RESULTS															
	TAB. D.L.'s															
	QA FORM															
	INSTR. SENS.															
OTHER (SPECIFY):	RAW DATA															
	TAB. RUSULTS															
	TAB. D.L.'s															
	QA FORM															
	INSTR. SENS.															

COMMENTS: _____

DATA COMPLETENESS		
	CONC./ MATRIX	LW SOL
	TRAFFIC REPORT #	MC 4078
	LAB I.D. #	76 13-16
FIELD QC	BLANK	✓
	DUPLICATE	
	SPIKE	
TASK I: ICAP OR AA: METALS	RAW DATA	✓
	TAB. RESULTS	✓
	TAB. D.L.'s	✓
	QA FORM	✓
	ICAP INTER. QC	✓
	INSTR. SENS.	✓
TASK II: FURNACE AA: METALS	RAW DATA	✓
	TAB. RESULTS	✓
	TAB. D.L.'s	✓
	QA FORM	✓
	INSTR. SENS.	✓
TASK II: COLD VAPOR AA: MERCURY	RAW DATA	✓
	TAB. RESULTS	✓
	TAB. D.L.'s	✓
	QA FORM	✓
	INSTR. SENS.	✓
TASK III: CYANIDE	RAW DATA	✓
	TAB. RESULTS	✓
	TAB. D.L.'s	✓
	QA FORM.	✓
	INSTR. SENS.	✓
OTHER (SPECIFY):	RAW DATA	
	TAB. RESULTS	
	TAB. D.L.'s	
	QA FORM	
	INSTR. SENS.	
OTHER (SPECIFY):	RAW DATA	
	TAB. RUSULTS	
	TAB. D.L.'s	
	QA FORM	
	INSTR. SENS.	

COMMENTS: _____

BLANK ANALYSIS RESULTS

TASK	TYPE	CONC	MATRIX	SAMPLE #	SOURCE OF H_2O	CONTAMINANTS (CONCENTRATION / DETECTION LIMIT
INOR. I, II, III	FIELD	LO	AQ	MC4074	NUS	Al: 203 µg/L, Cr: 27 µg/L, Fe: 103 µg/L (#1); Zn: 10 µg/L (#1); Ag: 4 µg/L (#2)
"	FIELD	LO	SOL	MC4075	NUS	Al: 11.2 mg/kg, Cr: 4.2 mg/kg, Fe: 4.5 mg/kg; Ag: 0.62 mg/kg, Zn: 1.9 mg/kg (all #1)
"	LAB #1 (PREP)	—			U.S. Testing	NONE IDENTIFIED (#1)
"	LAB #2 (PREP)	—			U.S. Testing	NONE IDENTIFIED (#1)

LABORATORY REPORTED FIELD BLANK DATA IS COMPARED WITH THE SAMPLE DATA IN A TABULATION FORM WITHIN SAMPLE ANALYTICAL DATA SUMMARY.

COMMENTS:

(1) RESULT REPORTED BY LABORATORY AND CONFIRMED BY REVIEWER.

(2) RESULT INFERRED FROM RAW DATA

BASED ON THE ABOVE LISTED CONTAMINANTS THE FOLLOWING DATA POINTS MAY BE QUESTIONABLE (5X THRESHOLD FACTOR APPLIED):

Al: MC3946, MC3948, MC3949

Cr: MC3946, MC3947, MC3948, MC3949, MC3950, MC3951, MC3955, MC3956, MC3957, MC3958

Ag: MC3954, MC3956, MC3957, MC3958, MC3959, MC3948, MC3951

MATRIX SPIKE RECOVERIES

Sample No.	MC3946	MC3954				
Field Spike						
Lab Spike	✓	✓				
Matrix	AQ	SOL				
Conc. Level	LO	LO				
Method Std.						
Fraction						

All matrix spike recoveries were within the established control ranges specified in; IFB WA82-A073, Exhibit E, Table 2. X Yes ___ No

Exception(s):

Parameter	Accepted Range (%)	Actual % Rec.	Sample Number	Org. Result	Spike Added	Spike Result	Units

Comments: _____

STANDARD ADDITION RESULTS

Documentation indicates a standard addition correction was performed on all spiked samples for parameters having recoveries outside of control limits: Yes_____ No_____ ALL RECOVERIES WITHIN SPECIFIED LIMITS

For the parameters having poor recoveries in the spiked sample(s), standard additions were also performed on all other samples where the following conditions were met:

(1) The sample matrix was similar to the matrix of the sample which was spiked; and

(2) The parameters in question were detected with postive results.

Yes___ No____ NOT REQUIRED BY CONTRACT

The parameters with poor spike recoveries are listed below, along with the type of standard addition performed(none, 1, 2, or 3 point). The results for these parameters in other samples which have a similar matrix are also listed below:

sample	description of matrix	parameter	recovery	type of std. add.
		N/A		

Comments: _____

Duplicate Analysis Results

The applicable duplicate pairs are:

sample no.	MC3946	MC3954				
Field duplicate						
Lab duplicate	✓	✓				
sample level	LO	LO				
sample matrix	AQ	SOL				
Fraction						

The relative percent difference (RPD) for each parameter group was evaluated. The duplicate analysis RPD acceptance criteria should be:

Fraction	maximum acceptable Percent Difference
AQ	±20
SOL	±40

The RPD's exceeding the maximum acceptable percent difference were:

Fraction	Compound	Actual RPD	Comparison Sample	conc.	conc.
AQ	Thallium	28.6	MC3946	16	12

Comments: minimal effect, close to detection limit

Initial Calibration Verification and Continuing Calibration Verification

Documentation indicates calibrations were performed and checked every ten samples: Yes X No__

Exceptions: _____

Calibrations and verifications were all within the control limits specified in

_____: Yes X No_

Outliers are listed below:

Parameter	Acceptable Range (%)	Calibration Identifier	% of True Value	Comments

Interference QC Results

Documentation indicates interference QC samples were run before and after every ten samples: Yes___ No_

ceptions: _____

Interference QC results were all within the control limits specified in

_____: EPA CRL III GUIDELINES 85-115 % Yes___ No X

Exceptions:

Parameter	Acceptable Range (%)	Calibration Identifier	% of True Value	Comments
Barium	85-115	Final	81.3	
Beryllium	85-115	FINAL	82.0	
Chromium	85-115	INIT./FINAL	74.3/64.0	
Cobalt	85-115	INIT./FINAL	77.7/78.7	not significant effect on data usability
Nickel	85-115	INIT./FINAL	72.0/71.7	
Silver	85-115	Final	82.0	
Vanadium	85-115	INIT./FIN.	74.7/75.0	

Detection Limits Results

Detection limits were reported for all samples analyzed: Yes X No ____

Exceptions: _____

Detection limits were less than or equal to the required detection limits specified in WA92-A073. Yes X No ____

Exceptions: _____

Instrument Sensitivity Reports

Instrument sensitivity reports were documented for all parameters:

Yes X No ____

Comments: SUPPLIED IN RAW DATA FORMAT

Other Remarks Concerning this Case:

There are currently no established control ranges for ICP interference check standards. However, although not a contractual requirement, 85% - 115% is used here as a tentative guideline for evaluation. Outliers of this tentative control range, if any, are tabulated on the bottom of the preceeding page.

QUANTITATIVE CALCULATIONS

CALCULATION ERRORS AND CORRECTED RESULTS ARE LISTED BELOW:

Element	Sample	Reported	Corrected	Units
Cu	MC3951	< 50	137	ug/L
Hg	MC4074	< 10	4	ug/L

Corrections made on
Sample Data Summary
[illegible] 8/1/84

ORIGINAL (Red)

APPENDIX D

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C4464

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E8313
Sample Matrix: Soil
Data Release Authorized By: Ken Baker

Case No: 2907
QC Report No: QC1982
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/17/84
DATE ANALYZED: 7/17/84
PERCENT MOISTURE: 26.1%
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or (ug/kg) (circle one)
	107-02-8	acrolein	27.0U
	107-13-1	acrylonitrile	27.0U
	71-43-2	benzene	2.7U
	56-23-5	carbon tetrachloride	2.7U
	108-90-7	chlorobenzene	2.7U
	107-06-2	1,2-dichloroethane	2.7U
	71-55-6	1,1,1-trichloroethane	2.7U
	75-34-3	1,1-dichloroethane	2.7U
	79-00-5	1,1,2-trichloroethane	2.7U
	79-34-5	1,1,2,2-tetrachloroethane	2.7U
	75-00-3	chloroethane	2.7U
	110-75-8	2-chloroethylvinyl ether	2.7U
	67-66-3	chloroform	2.7U
	75-35-4	1,1-dichloroethene	2.7U
	156-60-5	trans-1,2-dichloroethene	2.7U
	78-87-5	1,2-dichloropropane	2.7U
	61-02-6	trans-1,3-dichloropropene	2.7U
	10061-01-05	cis-1,3-dichloropropene	2.7U
	100-41-4	ethylbenzene	2.7U
	75-09-2	methylene chloride	124C
	74-87-3	chloromethane	2.7U
	74-83-9	bromomethane	2.7U
	75-25-2	bromoform	2.7U
	75-27-4	bromodichloromethane	2.7U
	75-69-4	fluorotrichloromethane	2.7U
	75-71-8	dichlorodifluoromethane	2.7U
	124-48-1	chlorodibromomethane	2.7U
	127-18-4	tetrachloroethene	2.7U
	108-88-3	toluene	2.7U
	79-01-6	trichloroethene	2.7U
	75-01-4	vinyl chloride	2.7U
	67-64-1	acetone	2.7U
	78-93-3	2-butanone	2.7U
	75-15-0	carbondisulfide	2.7U
	519-78-6	2-hexanone	2.7U
	108-10-1	4-methyl-2-pentanone	2.7U
	100-42-5	styrene	2.7U
	108-05-4	vinyl acetate	2.7U
	1330-20-7	total xylenes	2.7U

PESTICIDES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/28/84
PERCENT MOISTURE: 26.1
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or (ug/kg) (circle one)
(89P)	309-00-2	aldrin	5u
(90P)	60-57-1	dieldrin	5u
(91P)	57-74-9	chlordane	24u
(92P)	50-29-3	4,4'-DDT	8u
(93P)	72-55-9	4,4'-DDE	5u
(94P)	72-54-8	4,4'-DDD	5u
(95P)	115-29-7	α-endosulfan	5u
(96P)	115-29-7	β-endosulfan	5u
(97P)	1031-07-8	endosulfan sulfate	11u
(98P)	72-20-8	endrin	3u
(99P)	7421-93-4	endrin aldehyde	3u
(100P)	76-44-8	heptachlor	5u
(101P)	1024-57-3	heptachlor epoxide	8u
(102P)	319-84-6	α-BHC	5u
(103P)	319-85-7	β-BHC	8u
(104P)	319-86-8	δ-BHC	5u
(105P)	58-89-9	γ-BHC (lindane)	5u
(106P)	53469-21-9	PCB-1242	54u
(107P)	11097-69-1	PCB-1254	54u
(108P)	11104-28-2	PCB-1221	54u
(109P)	11141-16-5	PCB-1232	54u
(110P)	12672-29-6	PCB-1248	54u
(111P)	11096-82-5	PCB-1260	54u
(112P)	12674-11-2	PCB-1016	27u
(113P)	8001-35-2	toxaphene	27u

* second column did not confirm
** confirmed by second column

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

u = not detected; c = corrected for blank
k = below detection limit

ONMENTAL PROTECTION AGENCY - CLP Sample Management Office
813, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C4464
~~E7064~~ Esq

ORGANICS ANALYSIS DATA SHEET

ory Name: ETC Corp.
e ID No: E8313
Matrix: Soil
lease Authorized By: Ken Baker

Case No: 2907
QC Report No: 1828
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/14/84
PERCENT MOISTURE: 26
CONC./DILUTION FACTOR:

009

#		ug/l or ug/kg (circle one)	PP #	CAS #		ug/l or ug/kg (circle one)
88-06-2	2,4,6- trichlorophenol	1081 U	(52B)	87-68-3	hexachlorobutadiene	541 U
9-50-7	p-chloro-m-cresol	1081 U	(53B)	77-47-4	hexachlorocyclopentadiene	541 U
95-57-8	2- chlorophenol	1081 U	(54B)	78-59-1	isophorone	541 U
120-83-2	2,4-dichlorophenol	1081 U	(55B)	91-20-3	naphthalene	541 U
5-67-9	2,4-dimethylphenol	1081 U	(56B)	98-95-3	nitrobenzene	541 U
88-75-5	2- nitrophenol	1081 U	(61B)	62-75-9	N-nitrosodimethylamine	541 U
100-02-7	4-nitrophenol	1081 U	(62B)	86-30-6	N-nitrosodiphenylamine	541 U
-28-5	2,4-dinitrophenol	1081 U	(63B)	621-64-7	N-nitrosodipropylamine	541 U
534-52-1	4,6-dinitro-2-methylphenol	1081 U	(66B)	117-81-7	bis (2-ethylhexyl) phthalate	541 U
87-86-5	pentachlorophenol	1081 U	(67B)	85-68-7	benzyl butyl phthalate	541 U
1 -95-2	phenol	1081 U	(68B)	84-74-2	di-n-butyl phthalate	541 U
65-85-0	benzoic acid	1081 U	(69B)	117-84-0	di-n-octyl phthalate	541 U
8-7	2-methylphenol	1081 U	(70B)	84-66-2	diethyl phthalate	541 U
1	4-methylphenol	1081 U	(71B)	131-11-3	dimethyl phthalate	541 U
95-95-4	2,4,5-trichlorophenol	1081 U	(72B)	56-55-3	benzo(a)anthracene	541 U
32-9	acenaphthene	541 U	(73B)	50-32-8	benzo(a)pyrene	541 U
87-5	benzidine	541 U	(74B)	205-99-2	benzo(b)fluoranthene	541 U
120-82-1	1,2,4-trichlorobenzene	541 U	(75B)	207-08-9	benzo(k)fluoranthene	541 U
74-1	hexachlorobenzene	541 U	(76B)	218-01-9	chrysene	541 U
72-1	hexachloroethane	541 U	(77B)	208-96-8	acenaphthylene	541 U
11-44-4	bis(2-chloroethyl)ether	541 U	(78B)	120-12-7	anthracene	541 U
58-7	2-chloronaphthalene	541 U	(79B)	191-24-2	benzo(ghi)perylene	541 U
0-1	1,2-dichlorobenzene	541 U	(80B)	86-73-7	fluorene	541 U
41-73-1	1,3-dichlorobenzene	541 U	(81B)	85-01-8	phenanthrene	541 U
6-7	1,4-dichlorobenzene	541 U	(82B)	53-70-3	dibenzo(a,h)anthracene	541 U
4-1	3,3'-dichlorobenzidine	541 U	(83B)	193-39-5	indeno(1,2,3-cd)pyrene	541 U
21-14-2	2,4-dinitrotoluene	541 U	(84B)	129-00-0	pyrene	541 U
-2	2,6-dinitrotoluene	541 U		62-53-3	aniline	541 U
22-7	1,2-diphenylhydrazine	541 U		100-51-6	benzyl alcohol	541 U
06-44-0	fluoranthene	541 U		106-47-8	4-chloroaniline	541 U
-3	4-chlorophenyl phenyl ether	541 U		132-64-9	dibenzofuran	541 U
-3	4-bromophenyl phenyl ether	541 U		91-57-6	2-methylnaphthalene	541 U
38-32-9	bis (2-chloroisopropyl) ether	541 U		88-74-4	2-nitroaniline	541 U
-1	bis (2-chloroethoxy) methane	541 U		99-09-2	3-nitroaniline	541 U
				100-01-6	4-nitroaniline	541 U

U = not detected; a = corrected for blank; B = below

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7023

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Sample ID No: E4314
Matrix: Soil
Release Authorized By: [signature]

Case No: 2907
QC Report No: QC1982
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/17/84
DATE ANALYZED: 7/17/84
PERCENT MOISTURE: 36.1 %
CONC./DILUTION FACTOR:

CAS #		ug/l or ug/kg (circle one)
107-02-8	acrolein	31.0 U
13-1	acrylonitrile	31.0 U
71-43-2	benzene	9.8
56-23-5	carbon tetrachloride	3.1 U
108-90-7	chlorobenzene	3.1 U
107-06-2	1,2-dichloroethane	3.1 U
71-55-6	1,1,1-trichloroethane	3.1 U
75-34-3	1,1-dichloroethane	3.1 U
79-00-5	1,1,2-trichloroethane	3.1 U
79-34-5	1,1,2,2-tetrachloroethane	3.1 U
75-00-3	chloroethane	3.1 U
110-75-8	2-chloroethylvinyl ether	3.1 U
7-66-3	chloroform	3.1 U
75-35-4	1,1-dichloroethene	3.1 U
156-60-5	trans-1,2-dichloroethene	3.1 U
5	1,2-dichloropropane	3.1 U
10061-02-6	trans-1,3-dichloropropene	3.1 U
0061-01-05	cis-1,3-dichloropropene	3.1 U
1 -41-4	ethylbenzene	3.1 U
75-09-2	methylene chloride	3870 C
74-87-3	chloromethane	3.1 U
7 83-9	bromomethane	3.1 U
75-25-2	bromoform	3.1 U
75-27-4	bromodichloromethane	3.1 U
7 69-4	fluorotrichloromethane	3.1 U
75-71-8	dichlorodifluoromethane	3.1 U
124-48-1	chlorodibromomethane	3.1 U
127 8-4	tetrachloroethene	3.1 U
108-88-3	toluene	3.1 U
79-01-6	trichloroethene	3.1 U
75 1-4	vinyl chloride	3.1 U
67-64-1	acetone	3.1 UB
78-93-3	2-butanone	3.1 U
75- -0	carbondisulfide	3.1 U
519-78-6	2-hexanone	3.1 U
08- -1	4-methyl-2-pentanone	3.1 U
00- -5	styrene	3.1 U
08-05-4	vinyl acetate	3.1 U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/28/84
DATE ANALYZED: 7/28/84
PERCENT MOISTURE: 36.1
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	6u
(90P)	60-57-1	dieldrin	6u
(91P)	57-74-9	chlordane	28u
(92P)	50-29-3	4,4'-DDT	9u
(93P)	72-55-9	4,4'-DDE	6u
(94P)	72-54-8	4,4'-DDD	6u
(95P)	115-29-7	α-endosulfan	6u
(96P)	115-29-7	β-endosulfan	6u
(97P)	1031-07-8	endosulfan sulfate	13u
(98P)	72-20-8	endrin	3u
(99P)	7421-93-4	endrin aldehyde	3u
(100P)	76-44-8	heptachlor	6u
(101P)	1024-57-3	heptachlor epoxide	9u
(102P)	319-84-6	α-BHC	6u
(103P)	319-85-7	β-BHC	9u
(104P)	319-86-8	δ-BHC	6u
(105P)	58-89-9	γ-BHC (lindane)	6u
(106P)	53469-21-9	PCB-1242	63u
(107P)	11097-69-1	PCB-1254	63u
(108P)	11104-28-2	PCB-1221	63u
(109P)	11141-16-5	PCB-1232	63u
(110P)	12672-29-6	PCB-1248	63u
(111P)	11096-82-5	PCB-1260	63u
(112P)	12674-11-2	PCB-1016	31u
(113P)	8001-35-2	toxaphene	31u

* second column did not confirm
** confirmed by second column

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

ONMENTAL PROTECTION AGENCY - CLP Sample Management Office
18, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7023

ORGANICS ANALYSIS DATA SHEET

Name: ETC Corp.
ID No: E8314
trix: Soil
e Authorized By: Jim Baker

Case No: 2907
QC Report No: 1828
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/14/84
PERCENT MOISTURE: 36
CONC./DILUTION FACTOR:

026

CAS #		ug/l or ug/kg (circle one)
8 06-2	2,4,6- trichlorophenol	14000U
5 80-7	p-chloro-m-cresol	14000U
95-57-8	2- chlorophenol	14000U
120 3-2	2,4-dichlorophenol	14000U
05 7-9	2,4-dimethylphenol	14000U
88-75-5	2- nitrophenol	14000U
00 2-7	4-nitrophenol	14000U
51-28-5	2,4-dinitrophenol	14000U
34-52-1	4,6-dinitro-2-methylphenol	14000U
7- -5	pentachlorophenol	14000U
8-95-2	phenol	14000U
5-85-0	benzoic acid	14000U
5-4	2-methylphenol	14000U
3-39-4	4-methylphenol	14000U
-95	2,4,5-trichlorophenol	14000U
-32	acenaphthene	7000U
-87-5	benzidine	7000U
-82	1,2,4-trichlorobenzene	7000U
-74-	hexachlorobenzene	7000U
72-1	hexachloroethane	7000U
44-	bis(2-chloroethyl)ether	7000U
58-	2-chloronaphthalene	7000U
0-1	1,2-dichlorobenzene	7000U
3-1	1,3-dichlorobenzene	7000U
6-7	1,4-dichlorobenzene	7000U
-1	3,3'-dichlorobenzidine	7000U
-2	2,4-dinitrotoluene	7000U
-2	2,6-dinitrotoluene	7000U
-7	1,2-diphenylhydrazine	7000U
-0	fluoranthene	7000U
-3	4-chlorophenyl phenyl ether	7000U
3	4-bromophenyl phenyl ether	7000U
9	bis (2-chloroisopropyl) ether	7000U
1	bis (2-chloroethoxy) methane	7000U

PP #	CAS #		ug/l or ug/kg (circle one)
(52B)	87-68-3	hexachlorobutadiene	7000U
(53B)	77-47-4	hexachlorocyclopentadiene	7000U
(54B)	78-59-1	isophorone	7000U
(55B)	91-20-3	naphthalene	7000U
(56B)	98-95-3	nitrobenzene	7000U
(61B)	62-75-9	N-nitrosodimethylamine	7000U
(62B)	86-30-6	N-nitrosodiphenylamine	7000U
(63B)	621-64-7	N-nitrosodipropylamine	7000U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate	7000U
(67B)	85-68-7	benzyl butyl phthalate	7000U
(68B)	84-74-2	di-n-butyl phthalate	7000U
(69B)	117-84-0	di-n-octyl phthalate	7000U
(70B)	84-66-2	diethyl phthalate	7000U
(71B)	131-11-3	dimethyl phthalate	7000U
(72B)	56-55-3	benzo(a)anthracene	7000U
(73B)	50-32-8	benzo(a)pyrene	7000U
(74B)	205-99-2	benzo(b)fluoranthene	7000U
(75B)	207-08-9	benzo(k)fluoranthene	7000U
(76B)	218-01-9	chrysene	7000U
(77B)	208-96-8	acenaphthylene	7000U
(78B)	120-12-7	anthracene	7000U
(79B)	191-24-2	benzo(ghi)perylene	7000U
(80B)	86-73-7	fluorene	7000U
(81B)	85-01-8	phenanthrene	7000U
(82B)	53-70-3	dibenzo(a,h)anthracene	7000U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	7000U
(84B)	129-00-0	pyrene	7000U
	62-53-3	aniline	7000U
	100-51-6	benzyl alcohol	7000U
	106-47-8	4-chloroaniline	7000U
	132-64-9	dibenzofuran	7000U
	91-57-6	2-methylnaphthalene	7000U
	88-74-4	2-nitroaniline	7000U
	99-09-2	3-nitroaniline	

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7024

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Sample ID No: E 8613
Sample Matrix: water (treated oil/soil)
Release Authorized By: [illegible]

Case No: 2907
QC Report No: QC1482
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/16/84
DATE ANALYZED: 7/16/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR:

CAS #		ug/l or ug/kg (circle one)
107-02-8	acrolein	20.0 U
107-13-1	acrylonitrile	20.0 U
71-43-2	benzene	2.0 U
56-23-5	carbon tetrachloride	2.0 U
108-90-7	chlorobenzene	2.0 U
107-06-2	1,2-dichloroethane	2.0 U
71-55-6	1,1,1-trichloroethane	2.0 U
75-34-3	1,1-dichloroethane	2.0 U
79-00-5	1,1,2-trichloroethane	2.0 U
79-34-5	1,1,2,2-tetrachloroethane	2.0 U
75-00-3	chloroethane	2.0 U
110-75-8	2-chloroethylvinyl ether	2.0 U
67-66-3	chloroform	2.0 U
75-35-4	1,1-dichloroethene	2.0 U
156-60-5	trans-1,2-dichloroethene	2.0 U
78-87-5	1,2-dichloropropane	2.0 U
10061-02-6	trans-1,3-dichloropropene	2.0 U
10061-01-5	cis-1,3-dichloropropene	2.0 U
100-41-4	ethylbenzene	2.0 U
75-09-2	methylene chloride	145 C
74-87-3	chloromethane	2.0 U
74-83-9	bromomethane	2.0 U
75-25-2	bromoform	2.0 U
75-27-4	bromodichloromethane	2.0 U
75-69-4	fluorotrichloromethane	2.0 U
75-71-8	dichlorodifluoromethane	2.0 U
124-48-1	chlorodibromomethane	2.0 U
127-18-4	tetrachloroethene	2.0 U
108-88-3	toluene	3.0
79-01-6	trichloroethene	2.0 U
75-01-4	vinyl chloride	2.0 U
67-64-1	acetone	14.0 C
78-93-3	2-butanone	7.0 C
75-15-0	carbondisulfide	2.0 U
591-78-6	2-hexanone	5.3
108-10-1	4-methyl-2-pentanone	3.3
100-42-5	styrene	2.0 U
108-05-4	vinyl acetate	2.0 U
1330-20-7	total xylenes	2.0 U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/28/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	4 U
(90P)	60-57-1	dieldrin	4 U
(91P)	57-74-9	chlordane	18 U
(92P)	50-29-3	4,4'-DDT	6 U
(93P)	72-55-9	4,4'-DDE	4 U
(94P)	72-54-8	4,4'-DDD	4 U
(95P)	115-29-7	α-endosulfan	4 U
(96P)	115-29-7	β-endosulfan	4 U
(97P)	1031-07-8	endosulfan sulfate	8 U
(98P)	72-20-8	endrin	2 U
(99P)	7421-93-4	endrin aldehyde	2 U
(100P)	76-44-8	heptachlor	4 U
(101P)	1024-57-3	heptachlor epoxide	6 U
(102P)	319-84-6	α-BHC	4 U
(103P)	319-85-7	β-BHC	6 U
(104P)	319-86-8	δ-BHC	4 U
(105P)	58-89-9	γ-BHC (lindane)	4 U
(106P)	53469-21-9	PCB-1242	40 U
(107P)	11097-69-1	PCB-1254	40 U
(108P)	11104-28-2	PCB-1221	40 U
(109P)	11141-16-5	PCB-1232	40 U
(110P)	12672-29-6	PCB-1248	40 U
(111P)	11096-82-5	PCB-1260	40 U
(112P)	12674-11-2	PCB-1016	70 U
(113P)	8001-35-2	toxaphene	70 U

* second column did not confirm
** confirmed by second column

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

u = not detected; c = corrected for blank
k = below detection limit

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7024

ORGANICS ANALYSIS DATA SHEET

Name: ETC Corp.
ID No: E 8113
Matrix: Water Soil PH (treated as soil)
Authorized By: [signature]

Case No: 2907
QC Report No: 1828
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/14/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR:

065

#		ug/l or ug/kg (circle one)	PP #	CAS #		ug/l or ug/kg (circle one)
88-06-2	2,4,6- trichlorophenol	800U	(52B)	87-68-3	hexachlorobutadiene	400U
59-50-7	p-chloro-m-cresol	800U	(53B)	77-47-4	hexachlorocyclopentadiene	400U
95-57-8	2- chlorophenol	800U	(54B)	78-59-1	isophorone	400U
120-83-2	2,4-dichlorophenol	800U	(55B)	91-20-3	naphthalene	400U
5-67-9	2,4-dimethylphenol	800U	(56B)	98-95-3	nitrobenzene	400U
88-75-5	2- nitrophenol	800U	(61B)	62-75-9	N-nitrosodimethylamine	400U
00-02-7	4-nitrophenol	800U	(62B)	86-30-6	N-nitrosodiphenylamine	400U
1-28-5	2,4-dinitrophenol	800U	(63B)	621-64-7	N-nitrosodipropylamine	400U
53-52-1	4,6-dinitro-2-methylphenol	800U	(66B)	117-81-7	bis (2-ethylhexyl) phthalate	400U
7-86-5	pentachlorophenol	800U	(67B)	85-68-7	benzyl butyl phthalate	400U
1-95-2	phenol	800U	(68B)	84-74-2	di-n-butyl phthalate	400U
65-85-0	benzoic acid	800U	(69B)	117-84-0	di-n-octyl phthalate	400U
-48-7	2-methylphenol	800U	(70B)	84-66-2	diethyl phthalate	400U
	4-methylphenol	800U	(71B)	131-11-3	dimethyl phthalate	400U
95-95-4	2,4,5-trichlorophenol	800U	(72B)	56-55-3	benzo(a)anthracene	400U
-32-9	acenaphthene	400U	(73B)	50-32-8	benzo(a)pyrene	400U
-87-5	benzidine	400U	(74B)	205-99-2	benzo(b)fluoranthene	400U
120-82-1	1,2,4-trichlorobenzene	400U	(75B)	207-08-9	benzo(k)fluoranthene	400U
1 74-1	hexachlorobenzene	400U	(76B)	218-01-9	chrysene	400U
72-1	hexachloroethane	400U	(77B)	208-96-8	acenaphthylene	400U
111-44-4	bis(2-chloroethyl)ether	400U	(78B)	120-12-7	anthracene	400U
58-7	2-chloronaphthalene	400U	(79B)	191-24-2	benzo(ghi)perylene	400U
50-1	1,2-dichlorobenzene	400U	(80B)	86-73-7	fluorene	400U
541-73-1	1,3-dichlorobenzene	400U	(81B)	85-01-8	phenanthrene	400U
10 6-7	1,4-dichlorobenzene	400U	(82B)	53-70-3	dibenzo(a,h)anthracene	400U
9 4-1	3,3'-dichlorobenzidine	400U	(83B)	193-39-5	indeno(1,2,3-cd)pyrene	400U
121-14-2	2,4-dinitrotoluene	400U	(84B)	129-00-0	pyrene	400U
60 0-2	2,6-dinitrotoluene	400U		62-53-3	aniline	400U
12 6-7	1,2-diphenylhydrazine	400U		100-51-6	benzyl alcohol	400U
206-44-0	fluoranthene	400U		106-47-8	4-chloroaniline	400U
005 2-3	4-chlorophenyl phenyl ether	400U		132-64-9	dibenzofuran	400U
101 5-3	4-bromophenyl phenyl ether	400U		91-57-6	2-methylnaphthalene	400U
638-32-9	bis (2-chloroisopropyl) ether	400U		88-74-4	2-nitroaniline	400U
111 1-1	bis (2-chloroethoxy) methane	400U		99-09-2	3-nitroaniline	400U
				100-01-6	4-nitroaniline	400U

1985

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7057

ORGANICS ANALYSIS DATA SHEET

Company Name: ETC Corp.
Sample ID No: E8307
Matrix: Soil
Release Authorized By: [signature]

Case No: 2907
QC Report No: QC1952
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/16/84
DATE ANALYZED: 7/16/84
PERCENT MOISTURE: 56.1%
CONC./DILUTION FACTOR:

CAS #		ug/l or ug/kg (circle one)
107-02-8	acrolein	46.0U
107-13-1	acrylonitrile	46.0U
71-43-2	benzene	32.2
56-23-5	carbon tetrachloride	4.6U
108-90-7	chlorobenzene	4.6U
107-06-2	1,2-dichloroethane	4.6U
71-55-6	1,1,1-trichloroethane	4.6U
75-34-3	1,1-dichloroethane	4.6U
79-00-5	1,1,2-trichloroethane	4.6U
79-34-5	1,1,2,2-tetrachloroethane	4.6U
75-00-3	chloroethane	4.6U
110-75-8	2-chloroethylvinyl ether	4.6U
67-66-3	chloroform	4.6U
75-35-4	1,1-dichloroethene	4.6U
156-60-5	trans-1,2-dichloroethene	4.6U
78-87-5	1,2-dichloropropane	4.6U
10061-02-6	trans-1,3-dichloropropene	4.6U
10061-01-05	cis-1,3-dichloropropene	4.6U
100-41-4	ethylbenzene	192
75-09-2	methylene chloride	292C
74-87-3	chloromethane	4.6U
74-83-9	bromomethane	4.6U
75-25-2	bromoform	4.6U
75-27-4	bromodichloromethane	4.6U
75-69-4	fluorotrichloromethane	4.6U
75-71-8	dichlorodifluoromethane	4.6U
124-48-1	chlorodibromomethane	4.6U
127-18-4	tetrachloroethene	~~4.6U~~ 11.0
108-88-3	toluene	7150
79-01-6	trichloroethene	10.0
75-01-4	vinyl chloride	4.6U
67-64-1	acetone	25.3C
78-93-3	2-butanone	99.5C
75-15-0	carbondisulfide	4.6U
519-78-6	2-hexanone	4.6U
108-10-1	4-methyl-2-pentanone	32800
100-42-5	styrene	4.6U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/27/84
PERCENT MOISTURE: 56.1
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	14000 **
(90P)	60-57-1	dieldrin	53** K
(91P)	57-74-9	chlordane	410U
(92P)	50-29-3	4,4'-DDT	140U
(93P)	72-55-9	4,4'-DDE	91U
(94P)	72-54-8	4,4'-DDD	91U
(95P)	115-29-7	α-endosulfan	91U
(96P)	115-29-7	β-endosulfan	91U
(97P)	1031-07-8	endosulfan sulfate	180U
(98P)	72-20-8	endrin	46U
(99P)	7421-93-4	endrin aldehyde	46U
(100P)	76-44-8	heptachlor	162**
(101P)	1024-57-3	heptachlor epoxide	140U
(102P)	319-84-6	α-BHC	237** K
(103P)	319-85-7	β-BHC	140U
(104P)	319-86-8	δ-BHC	91U
(105P)	58-89-9	γ-BHC (lindane)	91U
(106P)	53469-21-9	PCB-1242	910U
(107P)	11097-69-1	PCB-1254	910U
(108P)	11104-28-2	PCB-1221	910U
(109P)	11141-16-5	PCB-1232	910U
(110P)	12672-29-6	PCB-1248	910U
(111P)	11096-82-5	PCB-1260	910U
(112P)	12674-11-2	PCB-1016	460U
(113P)	8001-35-2	toxaphene	460U

* second column did not confirm
** confirmed by second column

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7057

ORGANICS ANALYSIS DATA SHEET

Site Name: ETC Corp.
Site ID No: E5307
Matrix: Soil
Project Authorized By: Ken Baker

Case No: 2907
QC Report No: 1822
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/15/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/4/84
PERCENT MOISTURE: 56
CONC./DILUTION FACTOR: x5

094

		ug/l or ug/kg (circle one)	PP #	CAS #		ug/l or ug/kg (circle one)
88-06-2	2,4,6- trichlorophenol	9087U	(52B)	87-68-3	hexachlorobutadiene	4544U
59-50-7	p-chloro-m-cresol	9087U	(53B)	77-47-4	hexachlorocyclopentadiene	4544U
95-57-8	2- chlorophenol	9087U	(54B)	78-59-1	isophorone	4544U
120-83-2	2,4-dichlorophenol	9087U	(55B)	91-20-3	naphthalene	4993
105-67-9	2,4-dimethylphenol	9087U	(56B)	98-95-3	nitrobenzene	4544U
88-75-5	2- nitrophenol	9087U	(61B)	62-75-9	N-nitrosodimethylamine	4544U
100-02-7	4-nitrophenol	9087U	(62B)	86-30-6	N-nitrosodiphenylamine	4544U
51-28-5	2,4-dinitrophenol	9087U	(63B)	621-64-7	N-nitrosodipropylamine	4544U
534-52-1	4,6-dinitro-2-methylphenol	9087U	(66B)	117-81-7	bis (2-ethylhexyl) phthalate	18602
87-86-5	pentachlorophenol	20596	(67B)	85-68-7	benzyl butyl phthalate	4544U
108-95-2	phenol	9087U	(68B)	84-74-2	di-n-butyl phthalate	4544U
65-85-0	benzoic acid	9087U	(69B)	117-84-0	di-n-octyl phthalate	4544U
95-48-7	2-methylphenol	9087U	(70B)	84-66-2	diethyl phthalate	4544U
	4-methylphenol	9087U	(71B)	131-11-3	dimethyl phthalate	4544U
95-95-4	2,4,5-trichlorophenol	9087U	(72B)	56-55-3	benzo(a)anthracene	4544U
83-32-9	acenaphthene	4544U	(73B)	50-32-8	benzo(a)pyrene	4544U
92-87-5	benzidine	4544U	(74B)	205-99-2	benzo(b)fluoranthene	4544U
120-82-1	1,2,4-trichlorobenzene	4544U	(75B)	207-08-9	benzo(k)fluoranthene	4544U
118-74-1	hexachlorobenzene	4544U	(76B)	218-01-9	chrysene	4544U
67-72-1	hexachloroethane	4544U	(77B)	208-96-8	acenaphthylene	4544U
111-44-4	bis(2-chloroethyl)ether	4544U	(78B)	120-12-7	anthracene	4544U
91-58-7	2-chloronaphthalene	4544U	(79B)	191-24-2	benzo(ghi)perylene	4544U
95-50-1	1,2-dichlorobenzene	4544U	(80B)	86-73-7	fluorene	4544U
541-73-1	1,3-dichlorobenzene	4544U	(81B)	85-01-8	phenanthrene	4544U
106-46-7	1,4-dichlorobenzene	4544U	(82B)	53-70-3	dibenzo(a,h)anthracene	4544U
91-94-1	3,3'-dichlorobenzidine	4544U	(83B)	193-39-5	indeno(1,2,3-cd)pyrene	4544U
121-14-2	2,4-dinitrotoluene	4544U	(84B)	129-00-0	pyrene	4544U
606-20-2	2,6-dinitrotoluene	4544U		62-53-3	aniline	4544U
122-66-7	1,2-diphenylhydrazine	4544U		100-51-6	benzyl alcohol	4544U
206-44-0	fluoranthene	4544U		106-47-8	4-chloroaniline	4544U
7005-72-3	4-chlorophenyl phenyl ether	4544U		132-64-9	dibenzofuran	4544U
101-55-3	4-bromophenyl phenyl ether	4544U		91-57-6	2-methylnaphthalene	4544U
108-60-1	bis (2-chloroisopropyl) ether	4544U		88-74-4	2-nitroaniline	4544U
111-91-1	bis (2-chloroethoxy) methane	4544U		99-09-2	3-nitroaniline	4544U
				100-01-6	4-nitroaniline	4544U

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7058

ORGANICS ANALYSIS DATA SHEET

Case No: 2907
QC Report No: QC1982
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 6/13/84

Name: ETC Corp.
ID No: E8308
Soil
Authorized By: [signature]

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/16/84
DATE ANALYZED: 7/16/84
PERCENT MOISTURE: 66.2 %
CONC./DILUTION FACTOR:

CAS #		ug/l or ug/kg (circle one)
[illegible]	acrolein	59.0 U
[illegible]	acrylonitrile	59.0 U
[illegible]	benzene	111
[illegible]	carbon tetrachloride	5.9 U
[illegible]	chlorobenzene	5.9 U
[illegible]	1,2-dichloroethane	5.9 U
[illegible]	1,1,1-trichloroethane	5.9 U
[illegible]	1,1-dichloroethane	5.9 U
[illegible]	1,1,2-trichloroethane	5.9 U
[illegible]	1,1,2,2-tetrachloroethane	5.9 U
[illegible]	chloroethane	5.9 U
[illegible]	2-chloroethylvinyl ether	5.9 U
[illegible]	chloroform	5.9 U
[illegible]	1,1-dichloroethene	5.9 U
[illegible]	trans-1,2-dichloroethene	5.9 U
[illegible]	1,2-dichloropropane	5.9 U
[illegible]	trans-1,3-dichloropropene	5.9 U
[illegible]	cis-1,3-dichloropropene	5.9 U
[illegible]	ethylbenzene	27 B
[illegible]	methylene chloride	384 C
[illegible]	chloromethane	5.9 U
[illegible]	bromomethane	5.9 U
[illegible]	bromoform	5.9 U
[illegible]	bromodichloromethane	5.9 U
[illegible]	fluorotrichloromethane	5.9 U
[illegible]	dichlorodifluoromethane	5.9 U
[illegible]	chlorodibromomethane	5.9 U
[illegible]	tetrachloroethene	5.9 U
[illegible]	toluene	9970
[illegible]	trichloroethene	5.9 U
[illegible]	vinyl chloride	5.9 U
[illegible]	acetone	45.0 C
[illegible]	2-butanone	223 C
[illegible]	carbondisulfide	19.2
[illegible]	2-hexanone	5.9 U ~~[illegible]~~ R-2
[illegible]	4-methyl-2-pentanone	23000
[illegible]	styrene	5.9 U
[illegible]	vinyl acetate	5.9 U
[illegible]	total xylenes	1180

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/27/84
PERCENT MOISTURE: 66.2
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	25000 **
(90P)	60-57-1	dieldrin	1200 u
(91P)	57-74-9	chlordane	5300 u
(92P)	50-29-3	4,4'-DDT	1800 u
(93P)	72-55-9	4,4'-DDE	1200 u
(94P)	72-54-8	4,4'-DDD	1200 u
(95P)	115-29-7	α-endosulfan	1200 u
(96P)	115-29-7	β-endosulfan	1200 u
(97P)	1031-07-8	endosulfan sulfate	2400 u
(98P)	72-20-8	endrin	590 u
(99P)	7421-93-4	endrin aldehyde	590 u
(100P)	76-44-8	heptachlor	160 ** K
(101P)	1024-57-3	heptachlor epoxide	1800 u
(102P)	319-84-6	α-BHC	270 ** K
(103P)	319-85-7	β-BHC	80 ** K
(104P)	319-86-8	δ-BHC	1200 u
(105P)	58-89-9	γ-BHC (lindane)	1200 u
(106P)	53469-21-9	PCB-1242	12000 u
(107P)	11097-69-1	PCB-1254	12000 u
(108P)	11104-28-2	PCB-1221	12000 u
(109P)	11141-16-5	PCB-1232	12000 u
(110P)	12672-29-6	PCB-1248	12000 u
(111P)	11096-82-5	PCB-1260	12000 u
(112P)	12674-11-2	PCB-1016	5900 u
(113P)	8001-35-2	toxaphene	5900 u

* second column did not confirm
** confirmed by second column

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

u = not detected; c = corrected for blank
k = below detection limit

...MENTAL PROTECTION AGENCY - CLP Sample Management Office
... Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7058

ORGANICS ANALYSIS DATA SHEET

...name: ETC Corp.
...ID No: E8308
...: Soil
...Authorized By: Ken Baker

Case No: 2907
QC Report No: 1828
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/18/84
DATE ANALYZED: 7/14/84
PERCENT MOISTURE: 66
CONC./DILUTION FACTOR: _____

177

CAS #		ug/l or ug/kg (circle one)
11-06-2	2,4,6- trichlorophenol	2352U
59-50-7	p-chloro-m-cresol	2352U
95-57-8	2- chlorophenol	2352U
120-83-2	2,4-dichlorophenol	2352U
105-67-9	2,4-dimethylphenol	2352U
88-75-5	2- nitrophenol	2352U
100-02-7	4-nitrophenol	2352U
51-28-5	2,4-dinitrophenol	2352U
93-52-1	4,6-dinitro-2-methylphenol	2352U
87-86-5	pentachlorophenol	35955
108-95-2	phenol	2352U
65-85-0	benzoic acid	2352U
95-48-7	2-methylphenol	2352U
9-4	4-methylphenol	2352U
95-95-4	2,4,5-trichlorophenol	2352U
83-32-9	acenaphthene	1176U
92-87-5	benzidine	1176U
120-82-1	1,2,4-trichlorobenzene	1176U
118-74-1	hexachlorobenzene	1176U
67-72-1	hexachloroethane	1176U
111-44-4	bis(2-chloroethyl)ether	1176U
91-58-7	2-chloronaphthalene	1176U
95-50-1	1,2-dichlorobenzene	1176U
541-73-1	1,3-dichlorobenzene	1176U
06-46-7	1,4-dichlorobenzene	1176U
91-94-1	3,3'-dichlorobenzidine	1176U
121-14-2	2,4-dinitrotoluene	1176U
06-20-2	2,6-dinitrotoluene	1176U
22-66-7	1,2-diphenylhydrazine	1176U
206-44-0	fluoranthene	1176U
5-72-3	4-chlorophenyl phenyl ether	1176U
01-55-3	4-bromophenyl phenyl ether	1176U
38-32-9	bis (2-chloroisopropyl) ether	1176U
1-91-1	bis (2-chloroethoxy) methane	1176U

PP #	CAS #		ug/l or ug/kg (circle one)
(52B)	87-68-3	hexachlorobutadiene	1176U
(53B)	77-47-4	hexachlorocyclopentadiene	1176U
(54B)	78-59-1	isophorone	1176U
(55B)	91-20-3	naphthalene	1910
(56B)	98-95-3	nitrobenzene	1176U
(61B)	62-75-9	N-nitrosodimethylamine	1176U
(62B)	86-30-6	N-nitrosodiphenylamine	1176U
(63B)	621-64-7	N-nitrosodipropylamine	1176U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate	12888
(67B)	85-68-7	benzyl butyl phthalate	1176U
(68B)	84-74-2	di-n-butyl phthalate	6611
(69B)	117-84-0	di-n-octyl phthalate	1176U
(70B)	84-66-2	diethyl phthalate	1176U
(71B)	131-11-3	dimethyl phthalate	1176U
(72B)	56-55-3	benzo(a)anthracene	1176U
(73B)	50-32-8	benzo(a)pyrene	1176U
(74B)	205-99-2	benzo(b)fluoranthene	1176U
(75B)	207-08-9	benzo(k)fluoranthene	1176U
(76B)	218-01-9	chrysene	1176U
(77B)	208-96-8	acenaphthylene	1176U
(78B)	120-12-7	anthracene	1176U
(79B)	191-24-2	benzo(ghi)perylene	1176U
(80B)	86-73-7	fluorene	1176U
(81B)	85-01-8	phenanthrene	1176U
(82B)	53-70-3	dibenzo(a,h)anthracene	1176U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	1176U
(84B)	129-00-0	pyrene	1176U
	62-53-3	aniline	1176U
	100-51-6	benzyl alcohol	1176U
	106-47-8	4-chloroaniline	1176U
	132-64-9	dibenzofuran	1176U
	91-57-6	2-methylnaphthalene	1176U
	88-74-4	2-nitroaniline	1176U
	99-09-2	3-nitroaniline	1176U
	100-01-6	4-nitroaniline	1176U

...1983

ONMENTAL PROTECTION AGENCY - CLP Sample Management Office
lin, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7059

ORGANICS ANALYSIS DATA SHEET

Site Name: ETC Corp.
Site ID No: E8309
Matrix: Soil
Release Authorized By: [signature]

Case No: 2907
QC Report No: QC1982
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/16/84
DATE ANALYZED: 7/16/84
PERCENT MOISTURE: 43.1%
CONC./DILUTION FACTOR:

CAS #		ug/l or (ug/kg) (circle one)
107-02-8	acrolein	35.0U
107-13-1	acrylonitrile	35.0U
71-43-2	benzene	3.5U
56-23-5	carbon tetrachloride	3.5U
108-90-7	chlorobenzene	3.5U
107-06-2	1,2-dichloroethane	3.5U
71-55-6	1,1,1-trichloroethane	3.5U
75-34-3	1,1-dichloroethane	3.5U
79-00-5	1,1,2-trichloroethane	3.5U
79-34-5	1,1,2,2-tetrachloroethane	3.5U
75-00-3	chloroethane	3.5U
110-75-8	2-chloroethylvinyl ether	3.5U
67-66-3	chloroform	3.5U
75-35-4	1,1-dichloroethene	3.5U
156-60-5	trans-1,2-dichloroethene	3.5U
78-87-5	1,2-dichloropropane	3.5U
10061-02-6	trans-1,3-dichloropropene	3.5U
10061-01-05	cis-1,3-dichloropropene	3.5U
100-41-4	ethylbenzene	3.5U
75-09-2	methylene chloride	262 C
74-87-3	chloromethane	8.3 C
74-83-9	bromomethane	3.5U
75-25-2	bromoform	3.5U
75-27-4	bromodichloromethane	3.5U
75-69-4	fluorotrichloromethane	3.5U
75-71-8	dichlorodifluoromethane	3.5U
124-48-1	chlorodibromomethane	3.5U
127-18-4	tetrachloroethene	3.5U
108-88-3	toluene	133
79-01-6	trichloroethene	3.5U
75-01-4	vinyl chloride	3.5U
67-64-1	acetone	9.0 C
78-93-3	2-butanone	37.9 C
75-15-0	carbondisulfide	3.5U
591-78-6	2-hexanone	3.5U
108-10-1	4-methyl-2-pentanone	92 C
100-42-5	styrene	3.5U
108-05-4	vinyl acetate	3.5U

PESTICIDES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/27/84
PERCENT MOISTURE: 43.1
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or (ug/kg) (circle one)
(89P)	309-00-2	aldrin	700u
(90P)	60-57-1	dieldrin	700u
(91P)	57-74-9	chlordane	3200u
(92P)	50-29-3	4,4'-DDT	1100u
(93P)	72-55-9	4,4'-DDE	700u
(94P)	72-54-8	4,4'-DDD	700u
(95P)	115-29-7	α-endosulfan	700u
(96P)	115-29-7	β-endosulfan	700u
(97P)	1031-07-8	endosulfan sulfate	1400u
(98P)	72-20-8	endrin	350u
(99P)	7421-93-4	endrin aldehyde	350u
(100P)	76-44-8	heptachlor	700u
(101P)	1024-57-3	heptachlor epoxide	1100u
(102P)	319-84-6	α-BHC	700u
(103P)	319-85-7	β-BHC	1100u
(104P)	319-86-8	δ-BHC	700u
(105P)	58-89-9	γ-BHC (lindane)	700u
(106P)	53469-21-9	PCB-1242	7000u
(107P)	11097-69-1	PCB-1254	7000u
(108P)	11104-28-2	PCB-1221	7000u
(109P)	11141-16-5	PCB-1232	7000u
(110P)	12672-29-6	PCB-1248	7000u
(111P)	11096-82-5	PCB-1260	7000u
(112P)	12674-11-2	PCB-1016	3500u
(113P)	8001-35-2	toxaphene	3500u

* second column did not confirm
** confirmed by second column

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

u = not detected; c = corrected for blank

ONMENTAL PROTECTION AGENCY - CLP Sample Management Office
1:1, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7059

ORGANICS ANALYSIS DATA SHEET

Name: ETC Corp.
ID No: E8309
Soil
Authorized By: Ken Dater

Case No: 2907
QC Report No: 1828
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/14/84
PERCENT MOISTURE: 43
CONC./DILUTION FACTOR:

256

CAS #		ug/l or ug/kg (circle one)	PP #	CAS #		ug/l or ug/kg (circle one)
88-06-2	2,4,6- trichlorophenol	1404U	(52B)	87-68-3	hexachlorobutadiene	702U
59-50-7	p-chloro-m-cresol	1404U	(53B)	77-47-4	hexachlorocyclopentadiene	702U
95-57-8	2- chlorophenol	1404U	(54B)	78-59-1	isophorone	702U
120-83-2	2,4-dichlorophenol	1404U	(55B)	91-20-3	naphthalene	702U
105-67-9	2,4-dimethylphenol	1404U	(56B)	98-95-3	nitrobenzene	702U
88-75-5	2- nitrophenol	1404U	(61B)	62-75-9	N-nitrosodimethylamine	702U
100-02-7	4-nitrophenol	1404U	(62B)	86-30-6	N-nitrosodiphenylamine	702U
51-28-5	2,4-dinitrophenol	1404U	(63B)	621-64-7	N-nitrosodipropylamine	702U
534-52-1	4,6-dinitro-2-methylphenol	1404U	(66B)	117-81-7	bis (2-ethylhexyl) phthalate	702U
87-86-5	pentachlorophenol	1404U	(67B)	85-68-7	benzyl butyl phthalate	702U
108-95-2	phenol	1404U	(68B)	84-74-2	di-n-butyl phthalate	702U
65-85-0	benzoic acid	1404U	(69B)	117-84-0	di-n-octyl phthalate	702U
95-48-7	2-methylphenol	1404U	(70B)	84-66-2	diethyl phthalate	702U
108-39-4	4-methylphenol	1404U	(71B)	131-11-3	dimethyl phthalate	702U
95-95-4	2,4,5-trichlorophenol	1404U	(72B)	56-55-3	benzo(a)anthracene	702U
83-32-9	acenaphthene	702U	(73B)	50-32-8	benzo(a)pyrene	702U
92-87-5	benzidine	702U	(74B)	205-99-2	benzo(b)fluoranthene	702U
120-82-1	1,2,4-trichlorobenzene	702U	(75B)	207-08-9	benzo(k)fluoranthene	702U
118-74-1	hexachlorobenzene	702U	(76B)	218-01-9	chrysene	702U
67-72-1	hexachloroethane	702U	(77B)	208-96-8	acenaphthylene	702U
111-44-4	bis(2-chloroethyl)ether	702U	(78B)	120-12-7	anthracene	702U
91-58-7	2-chloronaphthalene	702U	(79B)	191-24-2	benzo(ghi)perylene	702U
95-50-1	1,2-dichlorobenzene	702U	(80B)	86-73-7	fluorene	702U
541-73-1	1,3-dichlorobenzene	702U	(81B)	85-01-8	phenanthrene	702U
106-46-7	1,4-dichlorobenzene	702U	(82B)	53-70-3	dibenzo(a,h)anthracene	702U
91-94-1	3,3'-dichlorobenzidine	702U	(83B)	193-39-5	indeno(1,2,3-cd)pyrene	702U
121-14-2	2,4-dinitrotoluene	702U	(84B)	129-00-0	pyrene	702U
606-20-2	2,6-dinitrotoluene	702U		62-53-3	aniline	702U
122-66-7	1,2-diphenylhydrazine	702U		100-51-6	benzyl alcohol	702U
206-44-0	fluoranthene	702U		106-47-8	4-chloroaniline	702U
7005-72-3	4-chlorophenyl phenyl ether	702U		132-64-9	dibenzofuran	702U
101-55-3	4-bromophenyl phenyl ether	702U		91-57-6	2-methylnaphthalene	702U
108-60-1	bis (2-chloroisopropyl) ether	702U		88-74-4	2-nitroaniline	702U
111-91-1	bis (2-chloroethoxy) methane	702U		99-09-2	3-nitroaniline	702U
				100-01-6	4-nitroaniline	702U

U = not detected; c = corrected for blank; k = below detection limit

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7060

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Sample ID No: E8310
Sample Matrix: Soil
Release Authorized By: [signature]

Case No: 2907
QC Report No: QC1982
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/16/84
DATE ANALYZED: 7/16/84
PERCENT MOISTURE: 37.8%
CONC./DILUTION FACTOR:

CAS #		ug/l or ug/kg (circle one)
107-02-8	acrolein	32.0U
107-13-1	acrylonitrile	32.0U
71-43-2	benzene	3.2U
56-23-5	carbon tetrachloride	3.2U
108-90-7	chlorobenzene	3.2U
107-06-2	1,2-dichloroethane	3.2U
71-55-6	1,1,1-trichloroethane	3.2U
75-34-3	1,1-dichloroethane	3.2U
79-00-5	1,1,2-trichloroethane	3.2U
79-34-5	1,1,2,2-tetrachloroethane	3.2U
75-00-3	chloroethane	3.2U
110-75-8	2-chloroethylvinyl ether	3.2U
67-66-3	chloroform	3.2U
75-35-4	1,1-dichloroethene	3.2U
156-60-5	trans-1,2-dichloroethene	3.2U
78-87-5	1,2-dichloropropane	3.2U
10061-02-6	trans-1,3-dichloropropene	3.2U
10061-01-05	cis-1,3-dichloropropene	3.2U
100-41-4	ethylbenzene	3.2U
75-09-2	methylene chloride	485C
74-87-3	chloromethane	3.2U
74-83-9	bromomethane	3.2U
75-25-2	bromoform	3.2U
75-27-4	bromodichloromethane	3.2U
75-69-4	fluorotrichloromethane	3.2U
75-71-8	dichlorodifluoromethane	3.2U
124-48-1	chlorodibromomethane	3.2U
127-18-4	tetrachloroethene	3.2U
108-88-3	toluene	308
79-01-6	trichloroethene	3.2U
75-01-4	vinyl chloride	3.2U
67-64-1	acetone	7.0C
78-93-3	2-butanone	20.4C
75-15-0	carbondisulfide	3.2U
591-78-6	2-hexanone	3.2U
108-10-1	4-methyl-2-pentanone	3.2U
100-42-5	styrene	3.2U
108-05-4	vinyl acetate	3.2U
1330-20-7	[illegible]	[illegible]

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/27/84
PERCENT MOISTURE: 37.8
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	6U
(90P)	60-57-1	dieldrin	6U
(91P)	57-74-9	chlordane	29U
(92P)	50-29-3	4,4'-DDT	10U
(93P)	72-55-9	4,4'-DDE	6U
(94P)	72-54-8	4,4'-DDD	6U
(95P)	115-29-7	α-endosulfan	6U
(96P)	115-29-7	β-endosulfan	6U
(97P)	1031-07-8	endosulfan sulfate	13U
(98P)	72-20-8	endrin	3U
(99P)	7421-93-4	endrin aldehyde	3U
(100P)	76-44-8	heptachlor	6U
(101P)	1024-57-3	heptachlor epoxide	10U
(102P)	319-84-6	α-BHC	6U
(103P)	319-85-7	β-BHC	10U
(104P)	319-86-8	δ-BHC	6U
(105P)	58-89-9	γ-BHC (lindane)	6U
(106P)	53469-21-9	PCB-1242	64U
(107P)	11097-69-1	PCB-1254	64U
(108P)	11104-28-2	PCB-1221	64U
(109P)	11141-16-5	PCB-1232	64U
(110P)	12672-29-6	PCB-1248	64U
(111P)	11096-82-5	PCB-1260	64U
(112P)	12674-11-2	PCB-1016	32U
(113P)	8001-35-2	toxaphene	32U

* second column did not confirm
** confirmed by second column

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

299

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

u = not detected; c = corrected for blank
k = below [illegible]

ONMENTAL PROTECTION AGENCY - CLP Sample Management Office
115, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7060

ORGANICS ANALYSIS DATA SHEET

Name: ETC Corp.
ID No: E8310
Matrix: Soil
Case Authorized By: [signature]

Case No: 2907
QC Report No: 1828
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/10/84
PERCENT MOISTURE: 38
CONC./DILUTION FACTOR: 300

#		ug/l or ug/kg (circle one)	PP #	CAS #		ug/l or ug/kg (circle one)
88-06-2	2,4,6- trichlorophenol	1290U	(52B)	87-68-3	hexachlorobutadiene	645U
59-50-7	p-chloro-m-cresol	1290U	(53B)	77-47-4	hexachlorocyclopentadiene	645U
95-57-8	2- chlorophenol	1290U	(54B)	78-59-1	isophorone	645U
120-83-2	2,4-dichlorophenol	1290U	(55B)	91-20-3	naphthalene	645U
105-67-9	2,4-dimethylphenol	1290U	(56B)	98-95-3	nitrobenzene	645U
88-75-5	2- nitrophenol	1290U	(61B)	62-75-9	N-nitrosodimethylamine	645U
100-02-7	4-nitrophenol	1290U	(62B)	86-30-6	N-nitrosodiphenylamine	645U
51-28-5	2,4-dinitrophenol	1290U	(63B)	621-64-7	N-nitrosodipropylamine	645U
534-52-1	4,6-dinitro-2-methylphenol	1290U	(66B)	117-81-7	bis (2-ethylhexyl) phthalate	645U
87-86-5	pentachlorophenol	1290U	(67B)	85-68-7	benzyl butyl phthalate	645U
108-95-2	phenol	1290U	(68B)	84-74-2	di-n-butyl phthalate	645U
65-85-0	benzoic acid	1290U	(69B)	117-84-0	di-n-octyl phthalate	645U
95-48-7	2-methylphenol	1290U	(70B)	84-66-2	diethyl phthalate	645U
[illegible]	4-methylphenol	1290U	(71B)	131-11-3	dimethyl phthalate	645U
[illegible]	2,4,5-trichlorophenol	1290U	(72B)	56-55-3	benzo(a)anthracene	645U
83-32-9	acenaphthene	645U	(73B)	50-32-8	benzo(a)pyrene	645U
92-87-5	benzidine	645U	(74B)	205-99-2	benzo(b)fluoranthene	645U
120-82-1	1,2,4-trichlorobenzene	645U	(75B)	207-08-9	benzo(k)fluoranthene	645U
118-74-1	hexachlorobenzene	645U	(76B)	218-01-9	chrysene	645U
67-72-1	hexachloroethane	645U	(77B)	208-96-8	acenaphthylene	645U
111-44-4	bis(2-chloroethyl)ether	645U	(78B)	120-12-7	anthracene	645U
91-58-7	2-chloronaphthalene	645U	(79B)	191-24-2	benzo(ghi)perylene	645U
95-50-1	1,2-dichlorobenzene	645U	(80B)	86-73-7	fluorene	645U
541-73-1	1,3-dichlorobenzene	645U	(81B)	85-01-8	phenanthrene	645U
106-46-7	1,4-dichlorobenzene	645U	(82B)	53-70-3	dibenzo(a,h)anthracene	645U
91-94-1	3,3'-dichlorobenzidine	645U	(83B)	193-39-5	indeno(1,2,3-cd)pyrene	645U
121-14-2	2,4-dinitrotoluene	645U	(84B)	129-00-0	pyrene	645U
606-20-2	2,6-dinitrotoluene	645U		62-53-3	aniline	645U
122-66-7	1,2-diphenylhydrazine	645U		100-51-6	benzyl alcohol	645U
206-44-0	fluoranthene	645U		106-47-8	4-chloroaniline	645U
7005-72-3	4-chlorophenyl phenyl ether	645U		132-64-9	dibenzofuran	645U
101-55-3	4-bromophenyl phenyl ether	645U		91-57-6	2-methylnaphthalene	645U
108-60-1	bis (2-chloroisopropyl) ether	645U		88-74-4	2-nitroaniline	645U
111-91-1	bis (2-chloroethoxy) methane	645U		99-09-2	3-nitroaniline	645U
				100-01-6	4-nitroaniline	645U

U = not detected; C = corrected for blank; K = below detection limit
Value preceding U or K is detection limit

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7061

ORGANICS ANALYSIS DATA SHEET

2907

Laboratory Name: ETC Corp.
Sample ID No: E8311
Matrix: Soil
Release Authorized By: [signature]

Case No:
QC Report No: QC1482
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/16/84
DATE ANALYZED: 7/16/84
PERCENT MOISTURE: 50.2 %
CONC./DILUTION FACTOR:

CAS #		ug/l or ug/kg (circle one)
107-02-8	acrolein	40.0 U
107-13-1	acrylonitrile	40.0 U
71-43-2	benzene	4.0 U
56-23-5	carbon tetrachloride	4.0 U
108-90-7	chlorobenzene	4.0 U
107-06-2	1,2-dichloroethane	4.0 U
71-55-6	1,1,1-trichloroethane	4.0 U
75-34-3	1,1-dichloroethane	4.0 U
79-00-5	1,1,2-trichloroethane	4.0 U
79-34-5	1,1,2,2-tetrachloroethane	4.0 U
75-00-3	chloroethane	4.0 U
110-75-8	2-chloroethylvinyl ether	4.0 U
67-66-3	chloroform	4.0 U
75-35-4	1,1-dichloroethene	4.0 U
156-60-5	trans-1,2-dichloroethene	4.0 U
78-87-5	1,2-dichloropropane	4.0 U
10061-02-6	trans-1,3-dichloropropene	4.0 U
10061-01-05	cis-1,3-dichloropropene	4.0 U
100-41-4	ethylbenzene	4.0 U
75-09-2	methylene chloride	110 c
74-87-3	chloromethane	4.0 U
74-83-9	bromomethane	4.0 U
75-25-2	bromoform	4.0 U
75-27-4	bromodichloromethane	4.0 U
75-69-4	fluorotrichloromethane	4.0 U
75-71-8	dichlorodifluoromethane	4.0 U
124-48-1	chlorodibromomethane	4.0 U
127-18-4	tetrachloroethene	4.0 U
108-88-3	toluene	4.0 U
79-01-6	trichloroethene	4.0 U
75-01-4	vinyl chloride	4.0 U
67-64-1	acetone	4.0 U
78-93-3	2-butanone	4.0 U
75-15-0	carbondisulfide	4.0 U
519-78-6	2-hexanone	4.0 U
108-10-1	4-methyl-2-pentanone	4.0 U
100-42-5	styrene	4.0 U
108-05-4	vinyl acetate	4.0 U
1330-20-7	total xylenes	4.0 U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/27/84
PERCENT MOISTURE: 50.2
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	8 u
(90P)	60-57-1	dieldrin	8 u
(91P)	57-74-9	chlordane	36 u
(92P)	50-29-3	4,4'-DDT	12 u
(93P)	72-55-9	4,4'-DDE	8 u
(94P)	72-54-8	4,4'-DDD	8 u
(95P)	115-29-7	α-endosulfan	8 u
(96P)	115-29-7	β-endosulfan	8 u
(97P)	1031-07-8	endosulfan sulfate	16 u
(98P)	72-20-8	endrin	4 u
(99P)	7421-93-4	endrin aldehyde	4 u
(100P)	76-44-8	heptachlor	8 u
(101P)	1024-57-3	heptachlor epoxide	12 u
(102P)	319-84-6	α-BHC	8 u
(103P)	319-85-7	β-BHC	12 u
(104P)	319-86-8	δ-BHC	8 u
(105P)	58-89-9	γ-BHC (lindane)	8 u
(106P)	53469-21-9	PCB-1242	80 u
(107P)	11097-69-1	PCB-1254	80 u
(108P)	11104-28-2	PCB-1221	80 u
(109P)	11141-16-5	PCB-1232	80 u
(110P)	12672-29-6	PCB-1248	80 u
(111P)	11096-82-5	PCB-1260	80 u
(112P)	12674-11-2	PCB-1016	40 u
(113P)	8001-35-2	toxaphene	40 u

* second column did not confirm
** confirmed by second column

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

342

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

u = not detected; c = corrected for blank
k = below detection limit

ONMENTAL PROTECTION AGENCY - CLP Sample Management Office
18, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7C61

ORGANICS ANALYSIS DATA SHEET

y Name: ETC Corp.
ple ID No: E8311
atrix: Soil
ease Authorized By: Ken Baker

Case No: 2907
QC Report No: 1828
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/14/84
PERCENT MOISTURE: 50
CONC./DILUTION FACTOR:

343

AS #		ug/l or ug/kg (circle one)	PP #	CAS #		ug/l or ug/kg (circle one)
88-06-2	2,4,6- trichlorophenol	1600U	(52B)	87-68-3	hexachlorobutadiene	800U
59-50-7	p-chloro-m-cresol	1600U	(53B)	77-47-4	hexachlorocyclopentadiene	800U
95-57-8	2- chlorophenol	1600U	(54B)	78-59-1	isophorone	800U
120-83-2	2,4-dichlorophenol	1600U	(55B)	91-20-3	naphthalene	800U
105-67-9	2,4-dimethylphenol	1600U	(56B)	98-95-3	nitrobenzene	800U
88-75-5	2- nitrophenol	1600U	(61B)	62-75-9	N-nitrosodimethylamine	800U
100-02-7	4-nitrophenol	1600U	(62B)	86-30-6	N-nitrosodiphenylamine	800U
51-28-5	2,4-dinitrophenol	1600U	(63B)	621-64-7	N-nitrosodipropylamine	800U
534-52-1	4,6-dinitro-2-methylphenol	1600U	(66B)	117-81-7	bis (2-ethylhexyl) phthalate	1887
87-86-5	pentachlorophenol	1600U	(67B)	85-68-7	benzyl butyl phthalate	800U
108-95-2	phenol	1600U	(68B)	84-74-2	di-n-butyl phthalate	800U
65-85-0	benzoic acid	1600U	(69B)	117-84-0	di-n-octyl phthalate	800U
95-48-7	2-methylphenol	1600U	(70B)	84-66-2	diethyl phthalate	800U
[illegible]-4	4-methylphenol	1600U	(71B)	131-11-3	dimethyl phthalate	800U
95-95-4	2,4,5-trichlorophenol	1600U	(72B)	56-55-3	benzo(a)anthracene	800U
83-32-9	acenaphthene	800U	(73B)	50-32-8	benzo(a)pyrene	800U
92-87-5	benzidine	800U	(74B)	205-99-2	benzo(b)fluoranthene	800U
120-82-1	1,2,4-trichlorobenzene	800U	(75B)	207-08-9	benzo(k)fluoranthene	800U
118-74-1	hexachlorobenzene	800U	(76B)	218-01-9	chrysene	800U
67-72-1	hexachloroethane	800U	(77B)	208-96-8	acenaphthylene	800U
111-44-4	bis(2-chloroethyl)ether	800U	(78B)	120-12-7	anthracene	800U
91-58-7	2-chloronaphthalene	800U	(79B)	191-24-2	benzo(ghi)perylene	800U
5-50-1	1,2-dichlorobenzene	800U	(80B)	86-73-7	fluorene	800U
541-73-1	1,3-dichlorobenzene	800U	(81B)	85-01-8	phenanthrene	800U
[illegible]-46-7	1,4-dichlorobenzene	800U	(82B)	53-70-3	dibenzo(a,h)anthracene	800U
[illegible]-94-1	3,3'-dichlorobenzidine	800U	(83B)	193-39-5	indeno(1,2,3-cd)pyrene	800U
121-14-2	2,4-dinitrotoluene	800U	(84B)	129-00-0	pyrene	800U
[illegible]-20-2	2,6-dinitrotoluene	800U		62-53-3	aniline	800U
[illegible]-66-7	1,2-diphenylhydrazine	800U		100-51-6	benzyl alcohol	800U
206-44-0	fluoranthene	800U		106-47-8	4-chloroaniline	800U
7[illegible]-72-3	4-chlorophenyl phenyl ether	800U		132-64-9	dibenzofuran	800U
[illegible]-55-3	4-bromophenyl phenyl ether	800U		91-57-6	2-methylnaphthalene	800U
38-32-9	bis (2-chloroisopropyl) ether	800U		88-74-4	2-nitroaniline	800U
[illegible]91-1	bis (2-chloroethoxy) methane	800U		99-09-2	3-nitroaniline	800U
				100-01-6	4-nitroaniline	800U

u = not detected; c = corrected for blank; k = below detect

NVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
ox 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7062

ORGANICS ANALYSIS DATA SHEET

ratory Name: ETC Corp.
ample ID No: E8312
e Matrix: Soil
Release Authorized By: [signature]

Case No: 2907
QC Report No: QC1482
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 6/13/84

VOLATILES

NCENTRATION: LOW MEDIUM HIGH (circle one)
TE EXTRACTED/PREPARED: 7/17/84
TE ANALYZED: 7/17/84
RCENT MOISTURE: 28.5%
NC./DILUTION FACTOR:

	CAS #		ug/l or ug/kg (circle one)
	107-02-8	acrolein	28U
	107-13-1	acrylonitrile	28U
	71-43-2	benzene	2.8U
	56-23-5	carbon tetrachloride	2.8U
	108-90-7	chlorobenzene	2.8U
	107-06-2	1,2-dichloroethane	2.8U
	71-55-6	1,1,1-trichloroethane	2.8U
	75-34-3	1,1-dichloroethane	2.8U
	79-00-5	1,1,2-trichloroethane	2.8U
	79-34-5	1,1,2,2-tetrachloroethane	2.8U
	75-00-3	chloroethane	2.8U
	110-75-8	2-chloroethylvinyl ether	2.8U
	67-66-3	chloroform	2.8U
	75-35-4	1,1-dichloroethene	2.8U
	156-60-5	trans-1,2-dichloroethene	2.8U
	78-87-5	1,2-dichloropropane	2.8U
	10061-02-6	trans-1,3-dichloropropene	2.8U
	10061-01-05	cis-1,3-dichloropropene	2.8U
	100-41-4	ethylbenzene	2.8U
	75-09-2	methylene chloride	158C
	74-87-3	chloromethane	2.8U
	74-83-9	bromomethane	2.8U
	75-25-2	bromoform	2.8U
	75-27-4	bromodichloromethane	2.8U
	75-69-4	fluorotrichloromethane	2.8U
	75-71-8	dichlorodifluoromethane	2.8U
	124-48-1	chlorodibromomethane	2.8U
	127-18-4	tetrachloroethene	9.6
	108-88-3	toluene	2.8U
	79-01-6	trichloroethene	2.8U
	75-01-4	vinyl chloride	2.8U
	67-64-1	acetone	6.2C
	78-93-3	2-butanone	2.8U
	75-15-0	carbondisulfide	2.8U
	519-78-6	2-hexanone	2.8U
	108-10-1	4-methyl-2-pentanone	2.8U
	100-42-5	styrene	2.8U
	108-05-4	vinyl acetate	2.8U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/27/84
PERCENT MOISTURE: 28.5
CONC./DILUTION FACTOR: X 100

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	560u
(90P)	60-57-1	dieldrin	560u
(91P)	57-74-9	chlordane	2500u
(92P)	50-29-3	4,4'-DDT	840u
(93P)	72-55-9	4,4'-DDE	560u
(94P)	72-54-8	4,4'-DDD	560u
(95P)	115-29-7	α-endosulfan	560u
(96P)	115-29-7	β-endosulfan	560u
(97P)	1031-07-8	endosulfan sulfate	1100u
(98P)	72-20-8	endrin	280u
(99P)	7421-93-4	endrin aldehyde	280u
(100P)	76-44-8	heptachlor	560u
(101P)	1024-57-3	heptachlor epoxide	840u
(102P)	319-84-6	α-BHC	560u
(103P)	319-85-7	β-BHC	840u
(104P)	319-86-8	δ-BHC	560u
(105P)	58-89-9	γ-BHC (lindane)	560u
(106P)	53469-21-9	PCB-1242	5600u
(107P)	11097-69-1	PCB-1254	5600u
(108P)	11104-28-2	PCB-1221	5600u
(109P)	11141-16-5	PCB-1232	5600u
(110P)	12672-29-6	PCB-1248	5600u
(111P)	11096-82-5	PCB-1260	5600u
(112P)	12674-11-2	PCB-1016	2800u
(113P)	8001-35-2	toxaphene	2800u

* second column did not confirm
** confirmed by second column

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

u = not detected; c = corrected for blank

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7062

ORGANICS ANALYSIS DATA SHEET

Company Name: ETC Corp.
Sample ID No: F8312
Matrix: Soil
Release Authorized By: Ken Baker

Case No: 3907
QC Report No: 1828
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/18/84
DATE ANALYZED: 7/14/84
PERCENT MOISTURE: 39
CONC./DILUTION FACTOR:

CAS #		ug/l or ug/kg (circle one)	PP #	CAS #		ug/l or ug/kg (circle one)
88-06-2	2,4,6- trichlorophenol	1127U	(52B)	87-68-3	hexachlorobutadiene	563U
59-50-7	p-chloro-m-cresol	1127U	(53B)	77-47-4	hexachlorocyclopentadiene	563U
95-57-8	2- chlorophenol	1127U	(54B)	78-59-1	isophorone	563U
120-83-2	2,4-dichlorophenol	1127U	(55B)	91-20-3	naphthalene	563U
105-67-9	2,4-dimethylphenol	1127U	(56B)	98-95-3	nitrobenzene	563U
88-75-5	2- nitrophenol	1127U	(61B)	62-75-9	N-nitrosodimethylamine	563U
100-02-7	4-nitrophenol	1127U	(62B)	86-30-6	N-nitrosodiphenylamine	563U
51-28-5	2,4-dinitrophenol	1127U	(63B)	621-64-7	N-nitrosodipropylamine	563U
534-52-1	4,6-dinitro-2-methylphenol	1127U	(66B)	117-81-7	bis (2-ethylhexyl) phthalate	563U
87-86-5	pentachlorophenol	1127U	(67B)	85-68-7	benzyl butyl phthalate	563U
108-95-2	phenol	1127U	(68B)	84-74-2	di-n-butyl phthalate	563U
65-85-0	benzoic acid	1127U	(69B)	117-84-0	di-n-octyl phthalate	563U
[illegible]-7	2-methylphenol	1127U	(70B)	84-66-2	diethyl phthalate	563U
108-39-4	4-methylphenol	1127U	(71B)	131-11-3	dimethyl phthalate	563U
95-95-4	2,4,5-trichlorophenol	1127U	(72B)	56-55-3	benzo(a)anthracene	563U
83-32-9	acenaphthene	563U	(73B)	50-32-8	benzo(a)pyrene	563U
92-87-5	benzidine	563U	(74B)	205-99-2	benzo(b)fluoranthene	563U
120-82-1	1,2,4-trichlorobenzene	563U	(75B)	207-08-9	benzo(k)fluoranthene	563U
118-74-1	hexachlorobenzene	563U	(76B)	218-01-9	chrysene	563U
67-72-1	hexachloroethane	563U	(77B)	208-96-8	acenaphthylene	563U
111-44-4	bis(2-chloroethyl)ether	563U	(78B)	120-12-7	anthracene	563U
91-58-7	2-chloronaphthalene	563U	(79B)	191-24-2	benzo(ghi)perylene	563U
95-50-1	1,2-dichlorobenzene	563U	(80B)	86-73-7	fluorene	563U
541-73-1	1,3-dichlorobenzene	563U	(81B)	85-01-8	phenanthrene	563U
106-46-7	1,4-dichlorobenzene	563U	(82B)	53-70-3	dibenzo(a,h)anthracene	563U
91-94-1	3,3'-dichlorobenzidine	563U	(83B)	193-39-5	indeno(1,2,3-cd)pyrene	563U
121-14-2	2,4-dinitrotoluene	563U	(84B)	129-00-0	pyrene	563U
606-20-2	2,6-dinitrotoluene	563U		62-53-3	aniline	563U
122-66-7	1,2-diphenylhydrazine	563U		100-51-6	benzyl alcohol	563U
206-44-0	fluoranthene	563U		106-47-8	4-chloroaniline	563U
7005-72-3	4-chlorophenyl phenyl ether	563U		132-64-9	dibenzofuran	563U
101-55-3	4-bromophenyl phenyl ether	563U		91-57-6	2-methylnaphthalene	563U
39638-32-9	bis (2-chloroisopropyl) ether	563U	368	88-74-4	2-nitroaniline	563U
111-91-1	bis (2-chloroethoxy) methane	563U		99-09-2	3-nitroaniline	563U

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7057

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp
Lab Sample ID No: F3015
Sample Matrix: soil
As Release Authorized By: [signature]

Case No: 2907 Repeats
QC Report No: QC2167
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 9/5/84
DATE ANALYZED: 9/5/84
PERCENT MOISTURE: 56.1%

VOA #	CAS #		ug/l or ug/kg (circle one)
(1V)	107-02-8	acrolein	46.0 U
	107-13-1	acrylonitrile	46.0 U
(2V)	71-43-2	benzene	4.6 U
(3V)	56-23-5	carbon tetrachloride	4.6 U
(4V)	108-90-7	chlorobenzene	4.6 U
(5V)	107-06-2	1,2-dichloroethane	4.6 U
(6V)	71-55-6	1,1,1-trichloroethane	12.0
(7V)	75-34-3	1,1-dichloroethane	4.6 U
(8V)	79-00-5	1,1,2-trichloroethane	4.6 U
(9V)	79-34-5	1,1,2,2-tetrachloroethane	4.6 U
(10V)	75-00-3	chloroethane	4.6 U
(11V)	110-75-8	2-chloroethylvinyl ether	4.6 U
(12V)	67-66-3	chloroform	18.8 ~~4.6 U~~ MM
(13V)	75-35-4	1,1-dichloroethene	4.6 U
(14V)	156-60-5	trans-1,2-dichloroethene	4.6 U
(15V)	78-87-5	1,2-dichloropropane	4.6 U
	10061-02-6	trans-1,3-dichloropropene	4.6 U
	10061-01-05	cis-1,3-dichloropropene	4.6 U
(16V)	100-41-4	ethylbenzene	13.9
(17V)	75-09-2	methylene chloride	70.5 C
(18V)	74-87-3	chloromethane	4.6 U
(19V)	74-83-9	bromomethane	4.6 U
(20V)	75-25-2	bromoform	4.6 U
(21V)	75-27-4	bromodichloromethane	8.8
(22V)	75-69-4	fluorotrichloromethane	4.6 U
(23V)	75-71-8	dichlorodifluoromethane	4.6 U
(24V)	124-48-1	chlorodibromomethane	4.6 U
(25V)	127-18-4	tetrachloroethene	16.6
(26V)	108-88-3	toluene	388.0
(27V)	79-01-6	trichloroethene	13.7
(28V)	75-01-4	vinyl chloride	4.6 U
	67-64-1	acetone	27.3 C
	78-93-3	2-butanone	26.6 ~~4.6 U~~ RJ
	75-15-0	carbondisulfide	4.6 U
	519-78-6	2-hexanone	4.6 U
	108-10-1	4-methyl-2-pentanone	4.6 U
	100-42-5	styrene	4.6 U
	108-05-4	vinyl acetate	4.6 U
	1330-20-7	[illegible]	[illegible]

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	
(90P)	60-57-1	dieldrin	
(91P)	57-74-9	chlordane	
(92P)	50-29-3	4,4'-DDT	
(93P)	72-55-9	4,4'-DDE	
(94P)	72-54-8	4,4'-DDD	
(95P)	115-29-7	α-endosulfan	
(96P)	115-29-7	β-endosulfan	
(97P)	1031-07-8	endosulfan sulfate	
(98P)	72-20-8	endrin	
(99P)	7421-93-4	endrin aldehyde	
(100P)	76-44-8	heptachlor	
(101P)	1024-57-3	heptachlor epoxide	
(102P)	319-84-6	α-BHC	
(103P)	319-85-7	β-BHC	
(104P)	319-86-8	δ-BHC	
(105P)	58-89-9	γ-BHC (lindane)	
(106P)	53469-21-9	PCB-1242	
(107P)	11097-69-1	PCB-1254	
(108P)	11104-28-2	PCB-1221	
(109P)	11141-16-5	PCB-1232	
(110P)	12672-29-6	PCB-1248	
(111P)	11096-82-5	PCB-1260	
(112P)	12674-11-2	PCB-1016	
(113P)	8001-35-2	toxaphene	

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7057

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: F1112
Sample Matrix: Soil
Data Release Authorized By: Ken Baker

Case No: 2907 Repeats
QC Report No: 1690
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/25/27/84
DATE ANALYZED: 8/7/84
PERCENT MOISTURE: 56
CONC./DILUTION FACTOR:

	CAS #		ug/l or ug/kg (circle one)
	88-06-2	2,4,6- trichlorophenol	1807U
	59-50-7	p-chloro-m-cresol	1807U
	95-57-8	2- chlorophenol	1807U
	120-83-2	2,4-dichlorophenol	1807U
	105-67-9	2,4-dimethylphenol	1807U
	88-75-5	2- nitrophenol	1807U
	100-02-7	4-nitrophenol	1807U
	51-28-5	2,4-dinitrophenol	1807U
	534-52-1	4,6-dinitro-2-methylphenol	1807U
	87-86-5	pentachlorophenol	10184
	108-95-2	phenol	1807U
	65-85-0	benzoic acid	1807U
	95-48-7	2-methylphenol	1807U
	108-39-4	4-methylphenol	1807U
	95-95-4	2,4,5-trichlorophenol	1807U
	83-32-9	acenaphthene	903U
	92-87-5	benzidine	903U
	120-82-1	1,2,4-trichlorobenzene	903U
	118-74-1	hexachlorobenzene	903U
	67-72-1	hexachloroethane	903U
	111-44-4	bis(2-chloroethyl)ether	903U
	91-58-7	2-chloronaphthalene	903U
	95-50-1	1,2-dichlorobenzene	903U
	541-73-1	1,3-dichlorobenzene	903U
	106-46-7	1,4-dichlorobenzene	903U
	91-94-1	3,3'-dichlorobenzidine	903U
	121-14-2	2,4-dinitrotoluene	903U
	606-20-2	2,6-dinitrotoluene	903U
	122-66-7	1,2-diphenylhydrazine	903U
	206-44-0	fluoranthene	903U
	7005-72-3	4-chlorophenyl phenyl ether	903U
	101-55-3	4-bromophenyl phenyl ether	903U
	39638-32-9	bis (2-chloroisopropyl) ether	903U
	111-91-1	bis (2-chloroethoxy) methane	903U

PP #	CAS #		ug/l or ug/kg (circle one)
(52B)	87-68-3	hexachlorobutadiene	903U
(53B)	77-47-4	hexachlorocyclopentadiene	903U
(54B)	78-59-1	isophorone	903U
(55B)	91-20-3	naphthalene	903U
(56B)	98-95-3	nitrobenzene	903U
(61B)	62-75-9	N-nitrosodimethylamine	903U
(62B)	86-30-6	N-nitrosodiphenylamine	903U
(63B)	621-64-7	N-nitrosodipropylamine	903U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate	72436
(67B)	85-68-7	benzyl butyl phthalate	903U
(68B)	84-74-2	di-n-butyl phthalate	903U
(69B)	117-84-0	di-n-octyl phthalate	903U
(70B)	84-66-2	diethyl phthalate	903U
(71B)	131-11-3	dimethyl phthalate	903U
(72B)	56-55-3	benzo(a)anthracene	903U
(73B)	50-32-8	benzo(a)pyrene	903U
(74B)	205-99-2	benzo(b)fluoranthene	903U
(75B)	207-08-9	benzo(k)fluoranthene	903U
(76B)	218-01-9	chrysene	903U
(77B)	208-96-8	acenaphthylene	903U
(78B)	120-12-7	anthracene	903U
(79B)	191-24-2	benzo(ghi)perylene	903U
(80B)	86-73-7	fluorene	903U
(81B)	85-01-8	phenanthrene	903U
(82B)	53-70-3	dibenzo(a,h)anthracene	903U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	903U
(84B)	129-00-0	pyrene	903U
	62-53-3	aniline	903U
	100-51-6	benzyl alcohol	903U
	106-47-8	4-chloroaniline	903U
	132-64-9	dibenzofuran	903U
	91-57-6	2-methylnaphthalene	903U
	88-74-4	2-nitroaniline	903U
	99-09-2	3-nitroaniline	903U
	100-01-6	4-nitroaniline	903U

Revised: 1983

U = not detected; a = corrected for blank; K = below

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7059

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp
Sample ID No: F3016
Matrix: Soil
Release Authorized By: [signature]

Case No: 2907 Repeats
QC Report No: QC2167
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 9/5/84
DATE ANALYZED: 9/5/84
PERCENT MOISTURE: 43.1%

CAS #		ug/l or ug/kg (circle one)
107-02-8	acrolein	35.0 U
13-1	acrylonitrile	35.0 U
71-43-2	benzene	3.5 U
56-23-5	carbon tetrachloride	3.5 U
108-90-7	chlorobenzene	3.5 U
107-06-2	1,2-dichloroethane	3.5 U
71-55-6	1,1,1-trichloroethane	7.3
75-34-3	1,1-dichloroethane	3.5 U
79-00-5	1,1,2-trichloroethane	3.5 U
79-34-5	1,1,2,2-tetrachloroethane	3.5 U
75-00-3	chloroethane	3.5 U
110-75-8	2-chloroethylvinyl ether	3.5 U
67-66-3	chloroform	17.2
75-35-4	1,1-dichloroethene	3.5 U
156-60-5	trans-1,2-dichloroethene	3.5 U
-5	1,2-dichloropropane	3.5 U
10061-02-6	trans-1,3-dichloropropene	3.5 U
10061-01-05	cis-1,3-dichloropropene	3.5 U
00-41-4	ethylbenzene	3.5 U
75-09-2	methylene chloride	19.2 C
74-87-3	chloromethane	3.5 U
4-83-9	bromomethane	3.5 U
75-25-2	bromoform	3.5 U
75-27-4	bromodichloromethane	3.5 U
5-69-4	fluorotrichloromethane	3.5 U
75-71-8	dichlorodifluoromethane	3.5 U
124-48-1	chlorodibromomethane	3.5 U
7-18-4	tetrachloroethene	6.7 ~~3.5 U~~ R.S.
108-88-3	toluene	106
79-01-6	trichloroethene	25.2
1-01-4	vinyl chloride	3.5 U
67-64-1	acetone	3.5 UB
78-93-3	2-butanone	3.5 U
-15-0	carbondisulfide	3.5 U
519-78-6	2-hexanone	3.5 U
108-10-1	4-methyl-2-pentanone	3.5 U
1 -42-5	styrene	3.5 U
108-05-4	vinyl acetate	3.5 U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	
(90P)	60-57-1	dieldrin	
(91P)	57-74-9	chlordane	
(92P)	50-29-3	4,4'-DDT	
(93P)	72-55-9	4,4'-DDE	
(94P)	72-54-8	4,4'-DDD	
(95P)	115-29-7	α-endosulfan	
(96P)	115-29-7	β-endosulfan	
(97P)	1031-07-8	endosulfan sulfate	
(98P)	72-20-8	endrin	
(99P)	7421-93-4	endrin aldehyde	
(100P)	76-44-8	heptachlor	
(101P)	1024-57-3	heptachlor epoxide	
(102P)	319-84-6	α-BHC	
(103P)	319-85-7	β-BHC	
(104P)	319-86-8	δ-BHC	
(105P)	58-89-9	γ-BHC (lindane)	
(106P)	53469-21-9	PCB-1242	
(107P)	11097-69-1	PCB-1254	
(108P)	11104-28-2	PCB-1221	
(109P)	11141-16-5	PCB-1232	
(110P)	12672-29-6	PCB-1248	
(111P)	11096-82-5	PCB-1260	
(112P)	12674-11-2	PCB-1016	
(113P)	8001-35-2	toxaphene	

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

July 1983

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number: C7060

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp
Sample ID No: F3017
Sample Matrix: Soil
Data Release Authorized By: Ken Baker

Case No: 2907 Repeats
QC Report No: QC2167
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 9/5/84
DATE ANALYZED: 9/5/84
PERCENT MOISTURE: 37.8%

CAS #		ug/l or ug/kg (circle one)
107-02-8	acrolein	32.0 U
107-13-1	acrylonitrile	32.0 U
71-43-2	benzene	3.2 U
56-23-5	carbon tetrachloride	3.2 U
108-90-7	chlorobenzene	3.2 U
107-06-2	1,2-dichloroethane	3.2 U
71-55-6	1,1,1-trichloroethane	3.2 U
75-34-3	1,1-dichloroethane	3.2 U
79-00-5	1,1,2-trichloroethane	3.2 U
79-34-5	1,1,2,2-tetrachloroethane	3.2 U
75-00-3	chloroethane	3.2 U
110-75-8	2-chloroethylvinyl ether	3.2 U
67-66-3	chloroform	3.2 U
75-35-4	1,1-dichloroethene	3.2 U
156-60-5	trans-1,2-dichloroethene	3.2 U
78-87-5	1,2-dichloropropane	3.2 U
10061-02-6	trans-1,3-dichloropropene	3.2 U
10061-01-05	cis-1,3-dichloropropene	3.2 U
100-41-4	ethylbenzene	3.2 U
75-09-2	methylene chloride	11.7 C
74-87-3	chloromethane	3.2 U
74-83-9	bromomethane	3.2 U
75-25-2	bromoform	3.2 U
75-27-4	bromodichloromethane	3.2 U
75-69-4	fluorotrichloromethane	3.2 U
75-71-8	dichlorodifluoromethane	3.2 U
124-48-1	chlorodibromomethane	3.2 U
127-18-4	tetrachloroethene	8.1
108-88-3	toluene	47.3
79-01-6	trichloroethene	17.5
75-01-4	vinyl chloride	3.2 U
67-64-1	acetone	42.1 C
78-93-3	2-butanone	3.2 U
75-15-0	carbondisulfide	3.2 U
591-78-6	2-hexanone	3.2 U
108-10-1	4-methyl-2-pentanone	3.2 U
100-42-5	styrene	3.2 U
108-05-4	vinyl acetate	3.2 U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	
(90P)	60-57-1	dieldrin	
(91P)	57-74-9	chlordane	
(92P)	50-29-3	4,4'-DDT	
(93P)	72-55-9	4,4'-DDE	
(94P)	72-54-8	4,4'-DDD	
(95P)	115-29-7	α-endosulfan	
(96P)	115-29-7	β-endosulfan	
(97P)	1031-07-8	endosulfan sulfate	
(98P)	72-20-8	endrin	
(99P)	7421-93-4	endrin aldehyde	
(100P)	76-44-8	heptachlor	
(101P)	1024-57-3	heptachlor epoxide	
(102P)	319-84-6	α-BHC	
(103P)	319-85-7	β-BHC	
(104P)	319-86-8	δ-BHC	
(105P)	58-89-9	γ-BHC (lindane)	
(106P)	53469-21-9	PCB-1242	
(107P)	11097-69-1	PCB-1254	
(108P)	11104-28-2	PCB-1221	
(109P)	11141-16-5	PCB-1232	
(110P)	12672-29-6	PCB-1248	
(111P)	11096-82-5	PCB-1260	
(112P)	12674-11-2	PCB-1016	
(113P)	8001-35-2	toxaphene	

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C7062

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp
Sample ID No: F3018
Sample Matrix: Soil
Release Authorized By: Ken Baker

Case No: 2907 Repeats
QC Report No: QC2167
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 9/5/84
DATE ANALYZED: 9/5/84
PERCENT MOISTURE: 28.5%

CAS #		ug/l or (ug/kg) (circle one)
107-02-8	acrolein	28.0U
107-13-1	acrylonitrile	28.0U
71-43-2	benzene	2.8U
56-23-5	carbon tetrachloride	2.8U
108-90-7	chlorobenzene	2.8U
107-06-2	1,2-dichloroethane	2.8U
71-55-6	1,1,1-trichloroethane	14.4
75-34-3	1,1-dichloroethane	2.8U
79-00-5	1,1,2-trichloroethane	2.8U
79-34-5	1,1,2,2-tetrachloroethane	2.8U
75-00-3	chloroethane	2.8U
110-75-8	2-chloroethylvinyl ether	2.8U
67-66-3	chloroform	17.4
75-35-4	1,1-dichloroethene	2.8U
156-60-5	trans-1,2-dichloroethene	2.8U
78-87-5	1,2-dichloropropane	2.8U
10061-02-6	trans-1,3-dichloropropene	2.8U
10061-01-05	cis-1,3-dichloropropene	2.8U
100-41-4	ethylbenzene	2.8U
75-09-2	methylene chloride	107.0 C
74-87-3	chloromethane	2.8U
74-83-9	bromomethane	2.8U
75-25-2	bromoform	2.8U
75-27-4	bromodichloromethane	6.1
75-69-4	fluorotrichloromethane	2.8U
75-71-8	dichlorodifluoromethane	2.8U
124-48-1	chlorodibromomethane	2.8U
127-18-4	tetrachloroethene	9.1
108-88-3	toluene	28.3
79-01-6	trichloroethene	19.6
75-01-4	vinyl chloride	2.8U
67-64-1	acetone	29.3 C
78-93-3	2-butanone	2.8U
75-15-0	carbondisulfide	2.8U
591-78-6	2-hexanone	2.8U
108-10-1	4-methyl-2-pentanone	2.8U
100-42-5	styrene	2.8U
[illegible]	[illegible]	[illegible]

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	
(90P)	60-57-1	dieldrin	
(91P)	57-74-9	chlordane	
(92P)	50-29-3	4,4'-DDT	
(93P)	72-55-9	4,4'-DDE	
(94P)	72-54-8	4,4'-DDD	
(95P)	115-29-7	α-endosulfan	
(96P)	115-29-7	β-endosulfan	
(97P)	1031-07-8	endosulfan sulfate	
(98P)	72-20-8	endrin	
(99P)	7421-93-4	endrin aldehyde	
(100P)	76-44-8	heptachlor	
(101P)	1024-57-3	heptachlor epoxide	
(102P)	319-84-6	α-BHC	
(103P)	319-85-7	β-BHC	
(104P)	319-86-8	δ-BHC	
(105P)	58-89-9	γ-BHC (lindane)	
(106P)	53469-21-9	PCB-1242	
(107P)	11097-69-1	PCB-1254	
(108P)	11104-28-2	PCB-1221	
(109P)	11141-16-5	PCB-1232	
(110P)	12672-29-6	PCB-1248	
(111P)	11096-82-5	PCB-1260	
(112P)	12674-11-2	PCB-1016	
(113P)	8001-35-2	toxaphene	

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	

CLP Sample Management Office
703/557-2090

Sample Number
~~F1114~~ C7062
W.W.

ORGANICS ANALYSIS DATA SHEET

Case No: 3907 Repeats
QC Report No: 1960
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 7/27/84
DATE ANALYZED: 8/7/84
PERCENT MOISTURE: 29
CONC./DILUTION FACTOR:

CAS #		ug/l or ug/kg (circle one)	PP #	CAS #		ug/l or ug/kg (circle one)
06-2	2,4,6- trichlorophenol	985U	(52B)	87-68-3	hexachlorobutadiene	493U
59-50-7	p-chloro-m-cresol	985U	(53B)	77-47-4	hexachlorocyclopentadiene	493U
95-57-8	2- chlorophenol	985U	(54B)	78-59-1	isophorone	493U
120-83-2	2,4-dichlorophenol	985U	(55B)	91-20-3	naphthalene	493U
105-67-9	2,4-dimethylphenol	985U	(56B)	98-95-3	nitrobenzene	493U
88-75-5	2- nitrophenol	985U	(61B)	62-75-9	N-nitrosodimethylamine	493U
100-02-7	4-nitrophenol	985U	(62B)	86-30-6	N-nitrosodiphenylamine	493U
51-28-5	2,4-dinitrophenol	985U	(63B)	621-64-7	N-nitrosodipropylamine	493U
534-52-1	4,6-dinitro-2-methylphenol	985U	(66B)	117-81-7	bis (2-ethylhexyl) phthalate	493U
87-86-5	pentachloropheno!	985U	(67B)	85-68-7	benzyl butyl phthalate	493U
108-95-2	phenol	985U	(68B)	84-74-2	di-n-butyl phthalate	493U
65-85-0	benzoic acid	985U	(69B)	117-84-0	di-n-octyl phthalate	493U
95-48-7	2-methylphenol	985U	(70B)	84-66-2	diethyl phthalate	493U
39-4	4-methylphenol	985U	(71B)	131-11-3	dimethyl phthalate	493U
95-4	2,4,5-trichlorophenol	985U	(72B)	56-55-3	benzo(a)anthracene	493U
83-32-9	acenaphthene	493U	(73B)	50-32-8	benzo(a)pyrene	493U
92-87-5	benzidine	493U	(74B)	205-99-2	benzo(b)fluoranthene	493U
120-82-1	1,2,4-trichlorobenzene	493U	(75B)	207-08-9	benzo(k)fluoranthene	493U
118-74-1	hexachlorobenzene	493U	(76B)	218-01-9	chrysene	493U
67-72-1	hexachloroethane	493U	(77B)	208-96-8	acenaphthylene	493U
111-44-4	bis(2-chloroethyl)ether	493U	(78B)	120-12-7	anthracene	493U
91-58-7	2-chloronaphthalene	493U	(79B)	191-24-2	benzo(ghi)perylene	493U
95-50-1	1,2-dichlorobenzene	493U	(80B)	86-73-7	fluorene	493U
541-73-1	1,3-dichlorobenzene	493U	(81B)	85-01-8	phenanthrene	493U
106-46-7	1,4-dichlorobenzene	493U	(82B)	53-70-3	dibenzo(a,h)anthracene	493U
91-94-1	3,3'-dichlorobenzidine	493U	(83B)	193-39-5	indeno(1,2,3-cd)pyrene	493U
121-14-2	2,4-dinitrotoluene	493U	(84B)	129-00-0	pyrene	493U
606-20-2	2,6-dinitrotoluene	493U		62-53-3	aniline	493U
122-66-7	1,2-diphenylhydrazine	493U		100-51-6	benzyl alcohol	493U
206-44-0	fluoranthene	493U		106-47-8	4-chloroaniline	493U
7005-72-3	4-chlorophenyl phenyl ether	493U		132-64-9	dibenzofuran	493U
101-55-3	4-bromophenyl phenyl ether	493U		91-57-6	2-methylnaphthalene	493U
39638-32-9	bis (2-chloroisopropyl) ether	493U		88-74-4	2-nitroaniline	493U
111-91-1	bis (2-chloroethoxy) methane	493U		99-09-2	3-nitroaniline	493U
				100-01-6	4-nitroaniline	493U

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u = not detected; c = corrected for blank; k = below detection limit
value preceding u or k is detection limit

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7023

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Lab Sample ID No: 06/110074
Sample Matrix: WATER
Data Release Authorized By: J. Van Hugen

Case No: 2907
QC Report No:
Contract No.: 68-01-6361
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: NA
DATE ANALYZED: 6/19/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: NA

PP #	CAS #		ug/l or ug/kg (circle one)	
(2V)	107-02-8	acrolein	100	U
(3V)	107-13-1	acrylonitrile	100	U
(4V)	71-43-2	benzene	5	U
(6V)	56-23-5	carbon tetrachloride	5	U
(7V)	108-90-7	chlorobenzene	5	U
(10V)	107-06-2	1,2-dichloroethane	1	U
(11V)	71-55-6	1,1,1-trichloroethane	5	U
(13V)	75-34-3	1,1-dichloroethane	5	U
(14V)	79-00-5	1,1,2-trichloroethane	5	U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	10	U
(16V)	75-00-3	chloroethane	10	U
(19V)	110-75-8	2-chloroethylvinyl ether	10	U
(23V)	67-66-3	chloroform	5	U
(29V)	75-35-4	1,1-dichloroethene	5	U
(30V)	156-60-5	trans-1,2-dichloroethene	5	U
(32V)	78-87-5	1,2-dichloropropane	10	U
(33V)	10061-02-6	trans-1,3-dichloropropene	5	U
	10061-01-05	cis-1,3-dichloropropene	5	U
(38V)	100-41-4	ethylbenzene	5	U
(44V)	75-09-2	methylene chloride 99		C
(45V)	74-87-3	chloromethane	10	U
(46V)	74-83-9	bromomethane	10	U
(47V)	75-25-2	bromoform	10	U
(48V)	75-27-4	bromodichloromethane	5	U
(49V)	75-69-4	fluorotrichloromethane	10	U
(50V)	75-71-8	dichlorodifluoromethane	10	U
(51V)	124-48-1	chlorodibromomethane	10	U
(85V)	127-18-4	tetrachloroethene	5	U
(86V)	108-88-3	toluene 290		
(87V)	79-01-6	trichloroethene 14		
(88V)	75-01-4	vinyl chloride	10	U
	67-64-1	acetone 280		C
	78-93-3	2-butanone 210		C
	75-15-0	carbondisulfide	1	U
	519-78-6	2-hexanone	5	U
	108-10-1	4-methyl-2-pentanone 6900		
	100-42-5	styrene	5	U
	108-05-4	vinyl acetate	5	U
	1330-20-7	total xylenes	5	U

PESTICIDES (BY GC)

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/15/84
DATE ANALYZED: 6/27/84 6/28/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1.0 L 5 mL
6% (1:100) 75% (1:20)

PP #	CAS #			ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.50	U
(90P)	60-57-1	dieldrin	0.18	
(91P)	57-74-9	chlordane	5.0	U
(92P)	50-29-3	4,4'-DDT	5.0	K
(93P)	72-55-9	4,4'-DDE	0.50	K
(94P)	72-54-8	4,4'-DDD	1.0	U
(95P)	115-29-7	α-endosulfan	0.20	
(96P)	115-29-7	β-endosulfan	0.10	U
(97P)	1031-07-8	endosulfan sulfate	0.20	K
(98P)	72-20-8	endrin	0.10	U
(99P)	7421-93-4	endrin aldehyde	0.20	U
(100P)	76-44-8	heptachlor	0.50	U
(101P)	1024-57-3	heptachlor epoxide	0.50	U
(102P)	319-84-6	α-BHC	0.50	U
(103P)	319-85-7	β-BHC	0.50	U
(104P)	319-86-8	δ-BHC	0.50	U
(105P)	58-89-9	γ-BHC (lindane)	0.50	U
(106P)	53469-21-9	PCB-1242	5.0	U
(107P)	11097-69-1	PCB-1254	10.	U
(108P)	11104-28-2	PCB-1221	10.	U
(109P)	11141-16-5	PCB-1232	10.	U
(110P)	12672-29-6	PCB-1248	10.	U
(111P)	11096-82-5	PCB-1260	20.	U
(112P)	12674-11-2	PCB-1016	5.0	U
(113P)	8001-35-2	toxaphene	50.	U

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	NA

December 1983

U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
K - Actual value, within the limitations of this method, is less than the value given.
CX - Compounds which were concentrated by a factor of 10 times.
B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7028

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Case No: 2907
Lab Sample ID No: 06-110074
QC Report No:
Sample Matrix: WATER
Contract No.: 68-01-6261
Data Release Authorized By: Stan Hagan
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW (MEDIUM) HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/16/84
DATE ANALYZED: 7/30/84
PERCENT MOISTURE: N/A
CONC./DILUTION FACTOR:

PP #	CAS #		(ug/l) or ug/kg (circle one)	
(21A)	88-06-2	2,4,6- trichlorophenol	10	U
(22A)	59-50-7	p-chloro-m-cresol	10	U
(24A)	95-57-8	2- chlorophenol	10	U
(31A)	120-83-2	2,4-dichlorophenol	10	U
(34A)	105-67-9	2,4-dimethylphenol	10	U
(57A)	88-75-5	2- nitrophenol	20	U
(58A)	100-02-7	4-nitrophenol	50	U
(59A)	51-28-5	2,4-dinitrophenol	50	U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20	U
(64A)	87-86-5	pentachlorophenol	10	U
(65A)	108-95-2	phenol	10	U
	65-85-0	benzoic acid	100	U
	95-48-7	2-methylphenol	5	U
	108-39-4	4-methylphenol	5	U
	95-95-4	2,4,5-trichlorophenol	100	U
(1B)	83-32-9	acenaphthene	10	U
(5B)	92-87-5	benzidine	40	U
(8B)	120-82-1	1,2,4-trichlorobenzene	10	U
(9B)	118-74-1	hexachlorobenzene	10	U
(12B)	67-72-1	hexachloroethane	10	U
(18B)	111-44-4	bis(2-chloroethyl)ether	10	U
(20B)	91-58-7	2-chloronaphthalene	10	U
(25B)	95-50-1	1,2-dichlorobenzene	10	U
(26B)	541-73-1	1,3-dichlorobenzene	10	U
(27B)	106-46-7	1,4-dichlorobenzene	10	U
(28B)	91-94-1	3,3'-dichlorobenzidine	10	U
(35B)	121-14-2	2,4-dinitrotoluene	20	U
(36B)	606-20-2	2,6-dinitrotoluene	20	U
(37B)	122-66-7	1,2-diphenylhydrazine	20	U
(39B)	206-44-0	fluoranthene	10	U
(40B)	7005-72-3	4-chlorophenyl ether	10	U
(41B)	101-55-3	4-bromophenyl ether	10	U
(42B)	39638-32-9	bis (2-chloroisopropyl) ether	20	U
(43B)	111-91-1	bis (2-chloroethoxy) methane	20	U

PP #	CAS #		(ug/l) or ug/kg (circle one)	
(52B)	87-68-3	hexachlorobutadiene	10	U
(53B)	77-47-4	hexachlorocyclopentadiene	10	U
(54B)	78-59-1	isophorone	10	U
(55B)	91-20-3	naphthalene	10	U
(56B)	98-95-3	nitrobenzene	10	U
(61B)	62-75-9	N-nitrosodimethylamine	10	U
(62B)	86-30-6	N-nitrosodiphenylamine	10	U
(63B)	621-64-7	N-nitrosodipropylamine	10	U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate	10	U
(67B)	85-68-7	benzyl butyl phthalate	10	U
(68B)	84-74-2	di-n-butyl phthalate	10	U
(69B)	117-84-0	di-n-octyl phthalate	10	U
(70B)	84-66-2	diethyl phthalate	10	U
(71B)	131-11-3	dimethyl phthalate	10	U
(72B)	56-55-3	benzo(a)anthracene	10	U
(73B)	50-32-8	benzo(a)pyrene	20	U
(74B)	205-99-2	benzo(b)fluoranthene	20	U
(75B)	207-08-9	benzo(k)fluoranthene	20	U
(76B)	218-01-9	chrysene	20	U
(77B)	208-96-8	acenaphthylene	10	U
(78B)	120-12-7	anthracene	10	U
(79B)	191-24-2	benzo(ghi)perylene	20	U
(80B)	86-73-7	fluorene	10	U
(81B)	85-01-8	phenanthrene	10	U
(82B)	53-70-3	dibenzo(a,h)anthracene	20	U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	20	U
(84B)	129-00-0	pyrene	10	U
	62-53-3	aniline	5	U
	100-51-6	benzyl alcohol	20	U
	106-47-8	4-chloroaniline	50	U
	132-64-9	dibenzofuran	10	U
	91-57-6	2-methylnaphthalene	20	U
	88-74-4	2-nitroaniline	100	U
	99-09-2	3-nitroaniline	100	U
	100-01-6	4-nitroaniline	100	U

December 1983

U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
K - Actual value, within the limitations of this method, is less than the value given.
CX - Compounds which were concentrated by a factor of 10 times.
B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7029

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Case No: 2907
Lab Sample ID No: 06/110075
QC Report No:
Sample Matrix: WATER
Contract No.: 68-01-6867
Data Release Authorized By: Stan Hagen
Date Sample Received: 6/13/84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: NA
DATE ANALYZED: 6/20/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: NA

PP #	CAS #		ug/l or ug/kg (circle one)	
(2V)	107-02-8	acrolein	100	U
(3V)	107-13-1	acrylonitrile	100	U
(4V)	71-43-2	benzene	3	
(6V)	56-23-5	carbon tetrachloride	5	U
(7V)	108-90-7	chlorobenzene	5	U
(10V)	107-06-2	1,2-dichloroethane	1	U
(11V)	71-55-6	1,1,1-trichloroethane	5	U
(13V)	75-34-3	1,1-dichloroethane	5	U
(14V)	79-00-5	1,1,2-trichloroethane	5	U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	10	U
(16V)	75-00-3	chloroethane	10	U
(19V)	110-75-8	2-chloroethylvinyl ether	10	U
(23V)	67-66-3	chloroform	5	U
(29V)	75-35-4	1,1-dichloroethene	5	U
(30V)	156-60-5	trans-1,2-dichloroethene	5	U
(32V)	78-87-5	1,2-dichloropropane	10	U
(33V)	10061-02-6	trans-1,3-dichloropropene	5	U
	10061-01-05	cis-1,3-dichloropropene	5	U
(38V)	100-41-4	ethylbenzene	5	U
(44V)	75-09-2	methylene chloride	10	C
(45V)	74-87-3	chloromethane	10	U
(46V)	74-83-9	bromomethane	10	U
(47V)	75-25-2	bromoform	10	U
(48V)	75-27-4	bromodichloromethane	5	U
(49V)	75-69-4	fluorotrichloromethane	10	U
(50V)	75-71-8	dichlorodifluoromethane	10	U
(51V)	124-48-1	chlorodibromomethane	10	U
(85V)	127-18-4	tetrachloroethene	5	U
(86V)	108-88-3	toluene	12	
(87V)	79-01-6	trichloroethene	5	U
(88V)	75-01-4	vinyl chloride	10	U
	67-64-1	acetone	ND	B
	78-93-3	2-butanone	16	C
	75-15-0	carbondisulfide	1	U
	519-78-6	2-hexanone	5	U
	108-10-1	4-methyl-2-pentanone	5	U
	100-42-5	styrene	5	U
	108-05-4	vinyl acetate	5	U
	1330-20-7	total xylenes	5	U

PESTICIDES (BY GC)

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/15/84
DATE ANALYZED: 6/27/84 6/29/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1L/5 mL
6% (1:10) 75% (1:2)

PP #	CAS #			ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.05	U
(90P)	60-57-1	dieldrin	0.01	U
(91P)	57-74-9	chlordane	0.50	U
(92P)	50-29-3	4,4'-DDT	0.50	U
(93P)	72-55-9	4,4'-DDE	0.05	K
(94P)	72-54-8	4,4'-DDD	0.10	U
(95P)	115-29-7	α-endosulfan	0.01	U
(96P)	115-29-7	β-endosulfan	0.01	U
(97P)	1031-07-8	endosulfan sulfate	0.02	K
(98P)	72-20-8	endrin	0.01	U
(99P)	7421-93-4	endrin aldehyde	0.02	U
(100P)	76-44-8	heptachlor	0.05	U
(101P)	1024-57-3	heptachlor epoxide	0.05	U
(102P)	319-84-6	α-BHC	0.05	U
(103P)	319-85-7	β-BHC	0.05	U
(104P)	319-86-8	δ-BHC	0.05	U
(105P)	58-89-9	γ-BHC (lindane)	0.05	U
(106P)	53469-21-9	PCB-1242	0.50	U
(107P)	11097-69-1	PCB-1254	1.0	U
(108P)	11104-28-2	PCB-1221	1.0	U
(109P)	11141-16-5	PCB-1232	1.0	U
(110P)	12672-29-6	PCB-1248	1.0	U
(111P)	11096-82-5	PCB-1260	2.0	U
(112P)	12674-11-2	PCB-1016	0.5	U
(113P)	8001-35-2	toxaphene	5.0	U

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	NA

December 1983

U - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
K - Actual value, within the limitations of this method, is less than the value given.
CX - Compounds which were concentrated by a factor of 10 times.
B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7029

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Case No: 2907
Lab Sample ID No: 06 / 110075
QC Report No:
Sample Matrix: WATER
Contract No.: 68-01-6867
Data Release Authorized By: Stan Hayam
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/13/84
DATE ANALYZED: 7/30/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR:

PP #	CAS #		(ug/l or ug/kg circle one)	
(21A)	88-06-2	2,4,6- trichlorophenol	10	U
(22A)	59-50-7	p-chloro-m-cresol	10	U
(24A)	95-57-8	2- chlorophenol	10	U
(31A)	120-83-2	2,4-dichlorophenol	10	U
(34A)	105-67-9	2,4-dimethylphenol	10	U
(57A)	88-75-5	2- nitrophenol	20	U
(58A)	100-02-7	4-nitrophenol	50	U
(59A)	51-28-5	2,4-dinitrophenol	50	U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20	U
(64A)	87-86-5	pentachlorophenol	10	U
(65A)	108-95-2	phenol 6		
	65-85-0	benzoic acid	100	U
	95-48-7	2-methylphenol	5	U
	108-39-4	4-methylphenol	5	U
	95-95-4	2,4,5-trichlorophenol	100	U
(1B)	83-32-9	acenaphthene	10	U
(5B)	92-87-5	benzidine	40	U
(8B)	120-82-1	1,2,4-trichlorobenzene	10	U
(9B)	118-74-1	hexachlorobenzene	10	U
(12B)	67-72-1	hexachloroethane	10	U
(18B)	111-44-4	bis(2-chloroethyl)ether	10	U
(20B)	91-58-7	2-chloronaphthalene	10	U
(25B)	95-50-1	1,2-dichlorobenzene	10	U
(26B)	541-73-1	1,3-dichlorobenzene	10	U
(27B)	106-46-7	1,4-dichlorobenzene	10	U
(28B)	91-94-1	3,3'-dichlorobenzidine	10	U
(35B)	121-14-2	2,4-dinitrotoluene	20	U
(36B)	606-20-2	2,6-dinitrotoluene	20	U
(37B)	122-66-7	1,2-diphenylhydrazine	20	U
(39B)	206-44-0	fluoranthene	10	U
(40B)	7005-72-3	4-chlorophenyl phenyl ether	10	U
(41B)	101-55-3	4-bromophenyl phenyl ether	10	U
(42B)	39638-32-9	bis (2-chloroisopropyl) ether	20	U
(43B)	111-91-1	bis (2-chloroethoxy) methane	20	U

PP #	CAS #		(ug/l or ug/kg circle one)	
(52B)	87-68-3	hexachlorobutadiene	10	U
(53B)	77-47-4	hexachlorocyclopentadiene	10	U
(54B)	78-59-1	isophorone	10	U
(55B)	91-20-3	naphthalene	10	U
(56B)	98-95-3	nitrobenzene	10	U
(61B)	62-75-9	N-nitrosodimethylamine	10	U
(62B)	86-30-6	N-nitrosodiphenylamine	10	U
(63B)	621-64-7	N-nitrosodipropylamine	10	U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate 19		C
(67B)	85-68-7	benzyl butyl phthalate	10	U
(68B)	84-74-2	di-n-butyl phthalate	10	U
(69B)	117-84-0	di-n-octyl phthalate	10	U
(70B)	84-66-2	diethyl phthalate	10	U
(71B)	131-11-3	dimethyl phthalate	10	U
(72B)	56-55-3	benzo(a)anthracene	10	U
(73B)	50-32-8	benzo(a)pyrene	20	U
(74B)	205-99-2	benzo(b)fluoranthene	20	U
(75B)	207-08-9	benzo(k)fluoranthene	20	U
(76B)	218-01-9	chrysene	20	U
(77B)	208-96-8	acenaphthylene	10	U
(78B)	120-12-7	anthracene	10	U
(79B)	191-24-2	benzo(ghi)perylene	20	U
(80B)	86-73-7	fluorene	10	U
(81B)	85-01-8	phenanthrene	10	U
(82B)	53-70-3	dibenzo(a,h)anthracene	20	U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	20	U
(84B)	129-00-0	pyrene	10	U
	62-53-3	aniline	5	U
	100-51-6	benzyl alcohol	20	U
	106-47-8	4-chloroaniline	50	U
	132-64-9	dibenzofuran	10	U
	91-57-6	2-methylnaphthalene	20	U
	88-74-4	2-nitroaniline	100	U
	99-09-2	3-nitroaniline	100	U
	100-01-6	4-nitroaniline	100	U

December 1983

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CX - Compounds which were concentrated by a factor of 10 times.
B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7030

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Case No: 2907
Lab Sample ID No: 06 / 110079
QC Report No:
Sample Matrix: WATER
Contract No.: 68-01-6869
Data Release Authorized By: Jan Hayes
Date Sample Received: 6 / 13 / 84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: NA
DATE ANALYZED: 6/20/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: NA

PP #	CAS #		(ug/l) or ug/kg (circle one)	
(2V)	107-02-8	acrolein	100	U
(3V)	107-13-1	acrylonitrile	100	U
(4V)	71-43-2	benzene	5	U
(6V)	56-23-5	carbon tetrachloride	5	U
(7V)	108-90-7	chlorobenzene	5	U
(10V)	107-06-2	1,2-dichloroethane	1	U
(11V)	71-55-6	1,1,1-trichloroethane	5	U
(13V)	75-34-3	1,1-dichloroethane	5	U
(14V)	79-00-5	1,1,2-trichloroethane	5	U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	10	U
(16V)	75-00-3	chloroethane	10	U
(19V)	110-75-8	2-chloroethylvinyl ether	10	U
(23V)	67-66-3	chloroform	5	U
(29V)	75-35-4	1,1-dichloroethene	5	U
(30V)	156-60-5	trans-1,2-dichloroethene	5	U
(32V)	78-87-5	1,2-dichloropropane	10	U
(33V)	10061-02-6	trans-1,3-dichloropropene	32	
	10061-01-05	cis-1,3-dichloropropene	5	U
(38V)	100-41-4	ethylbenzene	5	U
(44V)	75-09-2	methylene chloride	270	C
(45V)	74-87-3	chloromethane	10	U
(46V)	74-83-9	bromomethane	10	U
(47V)	75-25-2	bromoform	10	U
(48V)	75-27-4	bromodichloromethane	5	U
(49V)	75-69-4	fluorotrichloromethane	10	U
(50V)	75-71-8	dichlorodifluoromethane	10	U
(51V)	124-48-1	chlorodibromomethane	10	U
(85V)	127-18-4	tetrachloroethene	5	U
(86V)	108-88-3	toluene		
(87V)	79-01-6	trichloroethene	5	U
(88V)	75-01-4	vinyl chloride	10	U
	67-64-1	acetone	2800	
	78-93-3	2-butanone	210	C
	75-15-0	carbondisulfide	152	
	519-78-6	2-hexanone	5	U
	108-10-1	4-methyl-2-pentanone	25600	
	100-42-5	styrene	5	U
	108-05-4	vinyl acetate	500	
	1330-20-7	total xylenes	5	U

PESTICIDES (BY GC)

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 6 / 15 / 84
DATE ANALYZED: 6/27/84 6/29/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR: 1.0 L / 5 mL
6% (1:200) 75% (1:25)

PP #	CAS #		(ug/l) or ug/kg (circle one)	
(89P)	309-00-2	aldrin	1.	U
(90P)	60-57-1	dieldrin	0.125	U
(91P)	57-74-9	chlordane	10.	U
(92P)	50-29-3	4,4'-DDT	10.	U
(93P)	72-55-9	4,4'-DDE	1.	U
(94P)	72-54-8	4,4'-DDD	2.	U
(95P)	115-29-7	α-endosulfan	0.125	U
(96P)	115-29-7	β-endosulfan	0.125	U
(97P)	1031-07-8	endosulfan sulfate	0.25	U
(98P)	72-20-8	endrin	0.125	U
(99P)	7421-93-4	endrin aldehyde	0.25	U
(100P)	76-44-8	heptachlor	1.	U
(101P)	1024-57-3	heptachlor epoxide	1.	U
(102P)	319-84-6	α-BHC	1.	U
(103P)	319-85-7	β-BHC	1.	U
(104P)	319-86-8	δ-BHC	1.	U
(105P)	58-89-9	γ-BHC (lindane)	1.	U
(106P)	53469-21-9	PCB-1242	10.	U
(107P)	11097-69-1	PCB-1254	20.	U
(108P)	11104-28-2	PCB-1221	20.	U
(109P)	11141-16-5	PCB-1232	20.	U
(110P)	12672-29-6	PCB-1248	20.	U
(111P)	11096-82-5	PCB-1260	40.	U
(112P)	12674-11-2	PCB-1016	10.	U
(113P)	8001-35-2	toxaphene	100.	U

DIOXINS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED:
DATE ANALYZED:
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	NA

December 1983

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B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C

U.S. ENVIRONMENTAL PROTECTION AGENCY - CLP Sample Management Office
P.O. Box 818, Alexandria, Virginia 22313 - 703/557-2490

Sample Number
C 7030

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ERG. INC.
Case No: 2907
Lab Sample ID No: 06/110079
QC Report No:
Sample Matrix: WATER
Contract No.: 68-01-6869
Data Release Authorized By: Stan Hunger
Date Sample Received: 6/13/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW (MEDIUM) HIGH (circle one)
DATE EXTRACTED/PREPARED: 6/16/84
DATE ANALYZED: 7/30/84
PERCENT MOISTURE: NA
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)	
(21A)	88-06-2	2,4,6- trichlorophenol	10	U
(22A)	59-50-7	p-chloro-m-cresol	10	U
(24A)	95-57-8	2- chlorophenol	10	U
(31A)	120-83-2	2,4-dichlorophenol	10	U
(34A)	105-67-9	2,4-dimethylphenol	10	U
(57A)	88-75-5	2- nitrophenol	20	U
(58A)	100-02-7	4-nitrophenol	50	U
(59A)	51-28-5	2,4-dinitrophenol	50	U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20	U
(64A)	87-86-5	pentachlorophenol	10	U
(65A)	108-95-2	phenol	10	U
	65-85-0	benzoic acid	100	U
	95-48-7	2-methylphenol	5	U
	108-39-4	4-methylphenol	5	U
	95-95-4	2,4,5-trichlorophenol	100	U
(1B)	83-32-9	acenaphthene	10	U
(5B)	92-87-5	benzidine	40	U
(8B)	120-82-1	1,2,4-trichlorobenzene	10	U
(9B)	118-74-1	hexachlorobenzene	10	U
(12B)	67-72-1	hexachloroethane	10	U
(18B)	111-44-4	bis(2-chloroethyl)ether	10	U
(20B)	91-58-7	2-chloronaphthalene	10	U
(25B)	95-50-1	1,2-dichlorobenzene	10	U
(26B)	541-73-1	1,3-dichlorobenzene	10	U
(27B)	106-46-7	1,4-dichlorobenzene	10	U
(28B)	91-94-1	3,3'-dichlorobenzidine	10	U
(35B)	121-14-2	2,4-dinitrotoluene	20	U
(36B)	606-20-2	2,6-dinitrotoluene	20	U
(37B)	122-66-7	1,2-diphenylhydrazine	20	U
(39B)	206-44-0	fluoranthene	10	U
(40B)	7005-72-3	4-chlorophenyl phenyl ether	10	U
(41B)	101-55-3	4-bromophenyl phenyl ether	10	U
(42B)	39638-32-9	bis (2-chloroisopropyl) ether	20	U
(43B)	111-91-1	bis (2-chloroethoxy) methane	20	U

PP #	CAS #		ug/l or ug/kg (circle one)	
(52B)	87-68-3	hexachlorobutadiene	10	U
(53B)	77-47-4	hexachlorocyclopentadiene	10	U
(54B)	78-59-1	isophorone	10	U
(55B)	91-20-3	naphthalene	10	U
(56B)	98-95-3	nitrobenzene	10	U
(61B)	62-75-9	N-nitrosodimethylamine	10	U
(62B)	86-30-6	N-nitrosodiphenylamine	10	U
(63B)	621-64-7	N-nitrosodipropylamine	10	U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate	10	U
(67B)	85-68-7	benzyl butyl phthalate	10	U
(68B)	84-74-2	di-n-butyl phthalate	10	U
(69B)	117-84-0	di-n-octyl phthalate	10	U
(70B)	84-66-2	diethyl phthalate	10	U
(71B)	131-11-3	dimethyl phthalate	10	U
(72B)	56-55-3	benzo(a)anthracene	10	U
(73B)	50-32-8	benzo(a)pyrene	20	U
(74B)	205-99-2	benzo(b)fluoranthene	20	U
(75B)	207-08-9	benzo(k)fluoranthene	20	U
(76B)	218-01-9	chrysene	20	U
(77B)	208-96-8	acenaphthylene	10	U
(78B)	120-12-7	anthracene	10	U
(79B)	191-24-2	benzo(ghi)perylene	20	U
(80B)	86-73-7	fluorene	10	U
(81B)	85-01-8	phenanthrene	10	U
(82B)	53-70-3	dibenzo(a,h)anthracene	20	U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	20	U
(84B)	129-00-0	pyrene	10	U
	62-53-3	aniline	5	U
	100-51-6	benzyl alcohol	20	U
	106-47-8	4-chloroaniline	50	U
	132-64-9	dibenzofuran	10	U
	91-57-6	2-methylnaphthalene	20	U
	88-74-4	2-nitroaniline	100	U
	99-09-2	3-nitroaniline	100	U
	100-01-6	4-nitroaniline	100	U

December 1983

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B - Blank > 1/2 method D.L. and > 1/2 conc. in sample. Report ND B
C - Blank > 1/2 method D.L. and ≤ 1/2 conc. in sample. Report (corrected conc.) C