

TECHNICAL MEMORANDUM NO. 3
FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY
CITY DISPOSAL CORPORATION LANDFILL
(DUNN LANDFILL)

(PELA Reference No. 495201)

Appendix B.
Results of Analyses of Soil Samples and
Ground-Water Samples - Summary Package A

CA1365-CA1378

CA1382, CA2013

February, 1990

Summary Package
for
CITY DISPOSAL CORPORATION LANDFILL

<i>Chain of Custody Data Required for ETC Data Management Summary Reports</i>						
<i>ETC Sample No.</i>	<i>Company</i>	<i>Facility</i>	<i>Sample Point</i>	<i>Date</i>	<i>Time</i>	<i>Elapsed Hours</i>
CA1365-CA1378 1382, CA2013	WASTE MANAGEMENT, INC	405				

Swep T. Davis
President



ETC

CASE NARRATIVE

This technical report submitted by ETC Corporation contains the analytical results and required deliverables for Waste Management, Inc. 405 samples as identified below:

<u>ETC ID</u>	<u>CLIENT ID</u>	<u>ETC ID</u>	<u>CLIENT ID</u>
CA1365	SD3	CA1373	1GWP2A
CA1366	SD4	CA1374	1GWB7RR
CA1367	SD1	CA1375	1GWB9RR
CA1368	SD2	CA1376	1GWB9AR
CA1369	SD6	CA1377	1GWB12RR
CA1370	SD5	CA1378	1GWB17RR
CA1371	1GWP1A	CA1382	FLDBLANK
CA1372	1GWB19RR	CA2013	SD7

During the preparation and analysis of these samples, the following was observed:

VOLATILES:

(OV70071): The internal standard area counts did not meet QC criteria for samples CA1368, CA1369, CA2013, the Matrix Spike and the Matrix Spike Duplicate due to matrix interference which was confirmed by a repeat analysis.

Surrogate recovery did not meet QC criteria for sample CA1369 due to matrix interference which was confirmed by a repeat analysis.

ACID/BASE/NEUTRAL:

(OC70076):

The internal standard areas for the Matrix Spike and Matrix Spike Duplicate exceeded the acceptance limits. These extracts were not reinjected, since comparable results in the MS/MSD analysis may be indicative of a matrix effect. It should be noted, however, that the internal standard areas for the unspiked sample met acceptance criteria. This discrepancy may be due to the nonhomogeneous nature of the sample extract.

Sample CA1367 was reinjected because internal standard area counts were outside acceptance limits. A reinjection yielded similar internal standard results. This may indicate a matrix effect. Both sets of data are included in this report.

ETC

PESTICIDES/PCBS:

(OG70076):

Primary Analysis: Instrument HA 6'x4 mm ID 1.5%SP2250/1.95%SP2401
Confirmation Analysis: Instrument KB: 6'x2 mm ID 3% SP2100

All quantitation was performed on the primary column.

In the primary analysis, DDT did not meet percent difference criteria at the end of the sequence. However, samples of interest had all been run prior to that standard.

In the confirmation analysis, Dibutylchloroendate was not identified in the extracts. This may be due to an interfering component in the alumina used for cleanup. The presence of the interfering compound in the alumina may also have contributed to the high surrogate recoveries reported from the primary column.

(OG70021):

Primary Analysis: Instrument QB: 6'x4 mm ID 1.5%SP2250/1.95%SP2401
Confirmation Analysis: Instrument JB: 6'x2 mm ID 3%SP2100

Primary Analysis: 4,4'-DDT did not meet percent relative standard deviation criteria for Evaluation Standard Mixes A, B, and C. A calibration curve was plotted for 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT. The surrogate retention time shifted outside QC limits for the Standard Level III. The data was accepted as this standard was used for the calibration curve only and did not affect the analysis.

The surrogate retention time shifted outside of QC limits for Individual Standard Mixes A and B at the end of the sequence. This shift resulted in a broader retention time window for all compounds. However, the surrogate retention time shift for each sample was used to determine the presence or absence of the target compounds.

Individual Standard Mixes A and B did not meet QC criteria for the percent difference at the end of the run. However, samples of interest had all been run prior to these standards.

Confirmation Analysis: Aldrin did not meet percent relative standard deviation criteria due to the presence of an interfering peak in the Evaluation Standard Mix A. Corrective action was not required.

(OG70044):

Primary Analysis: Instrument HA: 6'x4 mm ID 1.5%SP2250/1.95%SP2401
Confirmation Analysis: Not required

4,4'-DDT in Evaluation Standard Mixes A, B, and C did not meet percent relative standard deviation criteria. A calibration curve



ETC

for 4,4'-DDB, 4,4'-DDE, and 4,4'-DDT was plotted.

The analytical sequence was completed outside of the 72 hour criteria. This did not appear to affect the retention time determinations because the surrogate retention time did not shift outside of QC limits for Individual Standard Mixes A and B at the end of the sequence.

Individual Standard Mixes A and B did not meet percent difference criteria at the end of the sequence. However, samples of interest had been run prior to these standards.

Low Matrix Spike and Matrix Spike Duplicate recoveries may be attributed to matrix interference.

Release of the data contained in this hardcopy data package has been authorized by the following signature.



Ken Hebel
Vice President of Operations

12/10/09

Date

File # 000011

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: CA1365U

Sample wt/vol: 4.50 (g/mL) G
GT 11/9/89

Lab File ID: >D7582

Level: (low/med) LOW

Date Received: 09/28/89

% Moisture: not dec. 17

Date Analyzed: 09/29/89

Column: (pack/cap) PACK

Dilution Factor: 1

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	1U
74-83-9	Bromomethane	12	1U
75-01-4	Vinyl Chloride	12	1U
75-00-3	Chloroethane	12	1U
75-09-2	Methylene Chloride	19	1
67-64-1	Acetone	10	1J
75-15-0	Carbon Disulfide	6	1U
75-35-4	1,1-Dichloroethene	6	1U
75-34-3	1,1-Dichloroethane	6	1U
540-59-0	1,2-Dichloroethene (total)	6	1U
67-66-3	Chloroform	6	1U
107-06-2	1,2-Dichloroethane	6	1U
78-93-3	2-Butanone	12	1U
71-55-6	1,1,1-Trichloroethane	6	1U
56-23-5	Carbon Tetrachloride	6	1U
108-05-4	Vinyl Acetate	12	1U
75-27-4	Bromodichloromethane	6	1U
78-87-5	1,2-Dichloropropane	6	1U
10061-01-5	cis-1,3-Dichloropropene	6	1U
79-01-6	Trichloroethene	6	1U
124-48-1	Dibromochloromethane	6	1U
79-00-5	1,1,2-Trichloroethane	6	1U
71-43-2	Benzene	6	1U
10061-02-6	trans-1,3-Dichloropropene	6	1U
75-25-2	Bromoform	6	1U
108-10-1	4-Methyl-2-Pentanone	12	1U
591-78-6	2-Hexanone	12	1U
127-18-4	Tetrachloroethene	6	1U
79-34-5	1,1,2,2-Tetrachloroethane	6	1U
108-88-3	Toluene	6	1U
108-90-7	Chlorobenzene	6	1U
100-41-4	Ethylbenzene	6	1U
100-42-5	Styrene	6	1U
1330-20-7	Xylene (total)	6	1U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETCNS Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SPIL Lab Sample ID: CA1965

Sample wt/vol: 5.0 (g/mL) 4 Lab File ID: >D7582

Level: (low/med) LOW Date Received: 09/28/09

% Moisture: not dec. 17 Date Analyzed: 09/29/09

Column: (pack/cap) PACK Dilution Factor: 1

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Alkane	22.35	7	BJ
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: CA1366U

Sample wt/vol: 4.05.0 (g/mL) G

Lab File ID: >D7583

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 20

Date Analyzed: 09/29/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	1U
74-83-9	Bromomethane	13	1U
75-01-4	Vinyl Chloride	13	1U
75-00-3	Chloroethane	13	1U
75-09-2	Methylene Chloride	20	1
67-64-1	Acetone	64	1
75-15-0	Carbon Disulfide	6	1U
75-35-4	1,1-Dichloroethene	6	1U
75-34-3	1,1-Dichloroethane	6	1U
540-59-0	1,2-Dichloroethene (total)	6	1U
67-66-3	Chloroform	6	1U
107-06-2	1,2-Dichloroethane	6	1U
78-93-3	2-Butanone	13	1U
71-55-6	1,1,1-Trichloroethane	6	1U
56-23-5	Carbon Tetrachloride	6	1U
108-05-4	Vinyl Acetate	13	1U
75-27-4	Bromodichloromethane	6	1U
78-87-5	1,2-Dichloropropene	6	1U
10061-01-5	cis-1,3-Dichloropropene	6	1U
79-01-6	Trichloroethene	6	1U
124-48-1	Dibromochloromethane	6	1U
79-00-5	1,1,2-Trichloroethane	6	1U
71-43-2	Benzene	6	1U
10061-02-6	trans-1,3-Dichloropropene	6	1U
75-25-2	Bromoform	6	1U
108-10-1	4-Methyl-2-Pentanone	13	1U
591-78-6	2-Hexanone	13	1U
127-18-4	Tetrachloroethene	6	1U
79-34-5	1,1,2,2-Tetrachloroethane	6	1U
108-88-3	Toluene	6	1U
108-90-7	Chlorobenzene	6	1U
100-41-4	Ethylbenzene	6	1U
100-42-5	Styrene	6	1U
1330-20-7	Xylene (total)	6	1U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS



Lab Name: ETCNS Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: CA1966

Sample wt/vol: 5 (g/mL) 4 Lab File ID: >D7583

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. 20 Date Analyzed: _____

Column: (pack/cap) PACK Dilution Factor: 1

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>Alkane</u>	<u>22.37</u>	<u>7</u>	<u>BJ</u>
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: CA1367U

Sample wt/vol: 3.75.0 (g/mL) G
or 11/9/89

Lab File ID: >07584

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 27

Date Analyzed: 09/29/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
74-87-3	Chloromethane	14	1U
74-83-9	Bromomethane	14	1U
75-01-4	Vinyl Chloride	14	1U
75-00-3	Chloroethane	14	1U
75-09-2	Methylene Chloride	18	1
67-64-1	Acetone	14	1U
75-15-0	Carbon Disulfide	17	1U
75-35-4	1,1-Dichloroethene	17	1U
75-34-3	1,1-Dichloroethane	17	1U
540-59-0	1,2-Dichloroethene (total)	17	1U
67-66-3	Chloroform	17	1U
107-06-2	1,2-Dichloroethane	17	1U
78-93-3	2-Butanone	14	1U
71-55-6	1,1,1-Trichloroethane	17	1U
56-23-5	Carbon Tetrachloride	17	1U
108-05-4	Vinyl Acetate	14	1U
75-27-4	Bromodichloromethane	17	1U
78-87-5	1,2-Dichloropropane	17	1U
10061-01-5	cis-1,3-Dichloropropene	17	1U
79-01-6	Trichloroethene	17	1U
124-48-1	Dibromochloromethane	17	1U
79-00-5	1,1,2-Trichloroethane	17	1U
71-43-2	Benzene	17	1U
10061-02-6	trans-1,3-Dichloropropene	17	1U
75-25-2	Bromoform	17	1U
108-10-1	4-Methyl-2-Pentanone	14	1U
591-78-6	2-Hexanone	14	1U
127-18-4	Tetrachloroethene	17	1U
79-34-5	1,1,2,2-Tetrachloroethane	17	1U
108-88-3	Toluene	17	1U
108-90-7	Chlorobenzene	17	1U
100-41-4	Ethylbenzene	17	1U
100-42-5	Styrene	17	1U
1330-20-7	Xylene (total)	17	1U

LA
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC CORP. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDS No.: _____

MATRIX: (soil/water) SOIL

Lab Sample ID: CA1367V

Sample wt/vol: 5.0 (g/ml) 6

Lab File ID: 707584

Level: (low/high) LOW

Date Received: 09/23/09

% Moisture: not des. 27

Date Analyzed: 09/29/09

Column: (pack/sep) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/g) <u>ug/g</u>	9
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109-99-9	Tetrahydrofuran.....	14	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETCNS Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: CA1367

Sample wt/vol: 5.0 (g/mL) 4

Lab File ID: > D7584

Level: (low/med) LOW

Date Received: 09/23/09

% Moisture: not dec. 27

Date Analyzed: 09/29/09

Column: (pack/cap) PACK

Dilution Factor: 1

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Alkane	22.47	57 0711917	BJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCM

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: CA1368U

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: >07598

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 14

Date Analyzed: 09/29/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	IU
74-83-9	Bromomethane	12	IU
75-01-4	Vinyl Chloride	12	IU
75-00-3	Chloroethane	12	IU
75-09-2	Methylene Chloride	11	IB
67-64-1	Acetone	7	IJ
75-15-0	Carbon Disulfide	6	IU
75-35-4	1,1-Dichloroethene	6	IU
75-34-3	1,1-Dichloroethane	6	IU
540-59-0	1,2-Dichloroethene (total)	6	IU
67-66-3	Chloroform	6	IU
107-06-2	1,2-Dichloroethane	6	IU
78-93-3	Butanone	12	IU
71-55-6	1,1,1-Trichloroethane	6	IU
56-23-5	Carbon Tetrachloride	6	IU
108-05-4	Vinyl Acetate	12	IU
75-27-4	Bromodichloromethane	6	IU
78-87-5	1,2-Dichloropropane	6	IU
10061-01-5	cis-1,3-Dichloropropane	6	IU
79-01-6	Trichloroethene	6	IU
124-48-2	Dibromochloromethane	6	IU
79-00-5	1,1,2-Trichloroethane	6	IU
71-43-2	Benzene	6	IU
10061-02-5	trans-1,3-Dichloropropane	6	IU
75-25-2	Bromoform	6	IU
108-10-1	4-Methyl-2-Pentanone	12	IU
591-78-6	2-Hexanone	12	IU
127-18-4	Tetrachloroethene	6	IU
79-34-5	1,1,2,2-Tetrachloroethane	6	IU
108-88-3	Toluene	6	IU
108-90-7	Chlorobenzene	6	IU
100-41-4	Ethylbenzene	6	IU
100-42-5	Styrene	6	IU
1330-20-7	Xylene (total)	6	IU

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

[Empty box for EPA Sample No.]

Lab Name: ETL CORP Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDE No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: CA1368

Sample wt/vol: 5.0 (g/dL) G Lab File ID: >D7598

Level: (Low/med) LOW Date Received: 09/23/89

% Moisture: not det. 14 Date Analyzed: 09/29/89

Column: (pack/cap) PACK Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg)	
109-99-9	Tetrahydrofuran.....	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: EC Corp

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL # 11/09/89

Lab Sample ID: CA1368V

Sample wt/vol: 5.0 A-3 (g/mL) g

Lab File ID: >D7598

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 14

Date Analyzed: 09/29/89

Column: (pack/cap) PACK

Dilution Factor: 1

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>UNKNOWN</u>	<u>22.47</u>	<u>26</u>	
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: CA1369U

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: >D7600

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 23

Date Analyzed: 09/29/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	11	B
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethane	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethane (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethane	7	U
124-48-7	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-01-5	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Xylene (total)	7	U

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETL Corp

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL # 11/19/89

Lab Sample ID: CA1369V

Sample wt/vol: 5.078 (g/mL) g

Lab File ID: >D7600

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 23

Date Analyzed: 09/29/89

Column: (pack/cap) PACK

Dilution Factor: 1

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>UNKNOWN</u>	<u>22.45</u>	<u>26</u>	
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Empty box for EPA Sample No.

Lab Name: ETC Corp Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Matrix: (soil/water) SOIL Lab Sample ID: CA1370U
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: >D7603
 Level: (low/med) LOW Date Received: 09/23/89
 % Moisture: not dec. 20 Date Analyzed: 09/30/89
 Column: (pack/cap) PACK Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10 //	U
74-83-9	Bromomethane	10 //	U
75-01-4	Vinyl Chloride	10 //	U
75-00-3	Chloroethane	10 //	U
75-09-2	Methylene Chloride	11/3	B
67-64-1	Acetone	10162 ¹²⁷⁰² 20250	U
75-15-0	Carbon Disulfide	56	U
75-35-4	1,1-Dichloroethane	56	U
75-34-3	1,1-Dichloroethane	56	U
540-59-0	1,2-Dichloroethane (total)	56	U
67-66-3	Chloroform	56	U
107-06-2	1,2-Dichloroethane	56	U
78-93-3	2-Butanone	10 //	U
71-55-6	1,1,1-Trichloroethane	56	U
56-23-5	Carbon Tetrachloride	56	U
108-05-4	Vinyl Acetate	10 //	U
75-27-4	Bromodichloromethane	56	U
78-87-5	1,2-Dichloropropane	56	U
10061-01-5	cis-1,3-Dichloropropane	56	U
79-01-6	Trichloroethene	56	U
124-48-1	Dibromochloromethane	56	U
79-00-5	1,1,2-Trichloroethane	56	U
71-43-2	Benzene	56	U
10061-02-6	trans-1,3-Dichloropropane	56	U
75-25-2	Bromoform	56	U
108-10-1	4-Methyl-2-Pentanone	10 //	U
591-78-6	2-Hexanone	10 "	U
127-18-4	Tetrachloroethene	56	U
79-34-5	1,1,2,2-Tetrachloroethane	56	U
108-88-3	Toluene	56	U
108-90-7	Chlorobenzene	56	U
100-41-4	Ethylbenzene	56	U
100-42-5	Styrene	56	U
1330-20-7	Xylene (total)	56	U

11/11/89

11/16/89

LA
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETL CORP Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDS No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: PA1370V

sample wt/vol: 5.0 (g/L) G Lab File ID: 707603

Level: (low/mid) LOW Date Received: 09/23/89

Moisture: not det. 20 Date Analyzed: 09/30/89

Column: (peak/esp) Peak Dilution Factor: 1

CAS NO. COMPOUND CONCENTRATION UNIT (ug/L or ug/kg) ug/kg

CAS NO.	COMPOUND	CONCENTRATION	UNIT
109-99-9	Tetrahydrofuran.....	<u>10</u>	<u>U</u>

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETC Ltd Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: CA1370V

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 207603

Level: (low/med) LOW Date Received: 09/23/89

% Moisture: not dec. 20 Date Analyzed: 09/29/89

Column: (pack/cap) PACK Dilution Factor: 1

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/kg

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>Unknown</u>	<u>11.96</u>	<u>507</u>	
2.	<u>Unknown</u>	<u>27.54</u>	<u>72</u>	
3.	<u>Unknown</u>	<u>28.23</u>	<u>124</u>	
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CA
11-8-89

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp. Contract: _____

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: CA1371U

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >C7202

Level: (low/med) LOW Date Received: 09/19/89

% Moisture: not dec. Date Analyzed: 09/21/89

Column: (pack/cap) PACK Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	IU
74-83-9	Bromomethane	10	IU
75-01-4	Vinyl Chloride	10	IU
75-00-3	Chloroethane	10	IU
75-09-2	Methylene Chloride	12	IJ
67-64-1	Acetone	10	IU
75-15-0	Carbon Disulfide	15	IU
75-35-4	1,1-Dichloroethane	15	IU
75-34-3	1,1-Dichloroethane	1,700	IJ
540-59-0	1,2-Dichloroethane (total)	14	I
67-66-3	Chloroform	15	IU
107-06-2	1,2-Dichloroethane	15	IU
78-93-3	2-Butanone	10	IU
71-55-6	1,1,1-Trichloroethane	15	IU
56-23-5	Carbon Tetrachloride	15	IU
108-05-4	Vinyl Acetate	10	IU
75-27-4	Bromodichloromethane	15	IU
78-87-5	1,2-Dichloropropane	15	IU
10061-01-5	1,3-Dichloropropane	15	IU
79-01-6	Chloroethane	14	IJ
124-48-1	Bromochloromethane	15	IU
79-00-5	1,2-Trichloroethane	15	IU
71-43-2	Acetone	15	IU
10061-02-6	1,3-Dichloropropane	15	IU
75-25-2	Bromoform	15	IU
108-10-1	4-Methyl-2-Pentanone	10	IU
591-78-6	2-Hexanone	10	IU
127-18-4	Tetrachloroethane	15	IU
79-34-5	1,1,2,2-Tetrachloroethane	15	IU
108-88-3	Toluene	15	IU
108-90-7	Chlorobenzene	15	IU
100-41-4	Ethylbenzene	15	IU
100-42-5	Styrene	15	IU
1330-20-7	Xylene (total)	15	IU

22

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1372U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7243

Level: (low/med) LDW

Date Received: 09/29/89

% Moisture: not dec.

Date Analyzed: 10/03/89

OT
11/9/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	IU
74-83-9	Bromomethane	10	IU
75-01-4	Vinyl Chloride	10	IU
75-00-3	Chloroethane	14	IJ
75-09-2	Methylene Chloride	13	IJ
67-64-1	Acetone	14	IJ
75-15-0	Carbon Disulfide	15	IU
75-35-4	1,1-Dichloroethane	15	IU
75-34-3	1,1-Dichloroethane	18	I
540-59-0	1,2-Dichloroethane (total)	12	IJ
67-66-3	Chloroform	15	IU
107-06-2	1,2-Dichloroethane	15	IU
78-93-3	2-Butanone	10	IU
71-55-6	1,1,1-Trichloroethane	15	IU
56-23-5	Carbon Tetrachloride	15	IU
108-05-4	Vinyl Acetate	10	IU
75-27-4	Bromodichloromethane	15	IU
78-87-5	1,2-Dichloropropane	1	IJ
10061-01-5	cis-1,3-Dichloropropane	15	IU
79-01-6	Trichloroethene	15	IU
124-48-1	Dibromochloromethane	15	IU
79-00-5	1,1,2-Trichloroethane	15	IU
71-43-2	Benzene	17	I
10061-02-4	trans-1,3-Dichloropropane	15	IU
75-25-2	Bromoform	15	IU
108-10-1	4-Methyl-2-Pentanone	17	IJ
591-78-6	2-Hexanone	10	IU
127-18-4	Tetrachloroethene	15	IU
79-34-5	1,1,2,2-Tetrachloroethane	15	IU
108-88-3	Toluene	140	I
108-90-7	Chlorobenzene	15	IU
100-41-4	Ethylbenzene	1	IJ
100-42-5	Styrene	15	IU
1330-20-7	Xylene (total)	15	IU

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC CORP. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/vater) Water Lab Sample ID: CA1372V

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: >C7243

Level: (low/med) low Date Received: 09/26/89

% Moisture: not dec. _____ Date Analyzed: 10/03/89

Column: (pack/cap) Pack Dilution Factor: 1

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/l.

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. <u>75434</u>	<u>Dichloromethane</u>	<u>9.42</u>	<u>44</u>	<u>5</u>
2. <u>60297</u>	<u>Diethyl ether</u>	<u>15.64</u>	<u>10</u>	<u>5</u>
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1373U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7247

Level: (low/med) LDW

Date Received: 09/27/89

% Moisture: not dec.

Date Analyzed: 10/03/89

Column: (pack/cap) PACK

Dilution Factor: 1

OT
11/9/89

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

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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC CORP. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Water Lab Sample ID: CA1373V

Sample wt/vol: 5.0 (g/mL) na Lab File ID: 207247

Level: (low/med) low Date Received: 07/27/89

% Moisture: not dec. _____ Date Analyzed: 10/03/89

Column: (pack/cap) PACK Dilution Factor: 1

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/l.

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>None Found.</u>			
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1374U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7248

Level: (low/med) LDW

Date Received: 09/27/89

% Moisture: not dec.

Date Analyzed: 10/03/89

Column: (pack/cap) PACK

Dilution Factor: 1

OT
11/9/89

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	IU
74-83-9	Bromomethane	10	IU
75-01-4	Vinyl Chloride	10	IU
75-00-3	Chloroethane	10	IJ
75-09-2	Methylene Chloride	6	
67-64-1	Acetone	31	
75-15-0	Carbon Disulfide	5	IU
75-35-4	1,1-Dichloroethene	5	IU
75-34-3	1,1-Dichloroethane	73	
540-59-0	1,2-Dichloroethene (total)	15	
62-66-3	Chloroform	5	IU
107-06-2	1,2-Dichloroethane	5	IU
78-93-3	2-Butanone	44	
71-55-6	1,1,1-Trichloroethane	5	IU
56-23-5	Carbon Tetrachloride	5	IU
108-05-4	Vinyl Acetate	10	IU
75-27-4	Bromodichloromethane	5	IU
78-87-5	1,2-Dichloropropane	2	IJ
10061-01-5	cis-1,3-Dichloropropene	5	IU
79-01-6	Trichloroethene	23	
124-48-1	Dibromochloromethane	5	IU
79-00-5	1,1,2-Trichloroethane	5	IU
71-43-2	Benzene	5	
10061-02-4	trans-1,3-Dichloropropene	5	IU
75-25-2	Bromoform	5	IU
108-10-1	4-Methyl-2-Pentanone	10	IU
591-78-6	2-Hexanone	10	IU
127-18-4	Tetrachloroethene	7	
79-34-5	1,1,2,2-Tetrachloroethane	5	IU
108-88-3	Toluene	2	IJ
108-90-7	Chlorobenzene	5	IU
100-41-4	Ethylbenzene	5	IU
100-42-5	Styrene	5	IU
1330-20-7	Xylene (total)	5	IU

LA
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
[]

Lab Name: ETC CORP. Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDS No.: _____
 Matrix: (soil/water) Water Lab Sample ID: CA1374V
 Sample wt/vol: 5.0 (g/ml) ml Lab File ID: >C 7248
 Level: (low/med) Low Date Received: 09/27/09
 % Moisture: not det. _____ Date Analyzed: 10/03/09
 Column: (peak/eng) Peak Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/g) <u>ml/L</u>	
109-99-9	Tetrahydrofuran.....	322	9

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC CORP. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDS No.: _____

Matrix: (soil/water) Water Lab Sample ID: CA1374V

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 767240

Level: (low/med) low Date Received: 09/27/09

% Moisture: not dec. _____ Date Analyzed: 10/03/09

Column: (pack/cap) Pack Dilution Factor: 1

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/l

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. <u>75424</u>	<u>dichloromethane</u>	<u>9.38</u>	<u>160</u>	<u>5</u>
2. <u>60297</u>	<u>ethyl ether</u>	<u>15.60</u>	<u>14</u>	<u>4</u>
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1375U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7251

Level: (low/med) LOW

Date Received: 09/29/89

% Moisture: not dec.

Date Analyzed: 10/03/89

11/9/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	1U
74-83-9	Bromomethane	10	1U
75-01-4	Vinyl Chloride	10	1U
75-00-3	Chloroethane	13	13
75-09-2	Methylene Chloride	11	1
67-64-1	Acetone	15	13
75-15-0	Carbon Disulfide	15	1U
75-35-4	1,1-Dichloroethane	15	1U
75-34-3	1,1-Dichloroethane	16	1
540-59-0	1,2-Dichloroethane (total)	15	1U
67-66-3	Chloroform	15	1U
107-06-2	1,2-Dichloroethane	15	1U
78-93-3	2-Butanone	10	1U
71-55-6	1,1,1-Trichloroethane	15	1U
56-23-5	Carbon Tetrachloride	15	1U
108-05-4	Vinyl Acetate	10	1U
75-27-4	Bromodichloromethane	15	1U
78-87-5	1,2-Dichloropropane	15	1U
10061-01-5	cis-1,3-Dichloropropene	15	1U
79-01-6	Trichloroethene	15	1U
124-48-1	Dibromochloromethane	15	1U
79-00-5	1,1,2-Trichloroethane	15	1U
71-43-2	Benzene	13	13
10061-02-6	trans-1,3-Dichloropropene	15	1U
75-25-2	Bromoform	15	1U
108-10-1	4-Methyl-2-Pentanone	10	1U
591-78-6	2-Hexanone	10	1U
127-18-4	Tetrachloroethene	15	1U
79-34-5	1,1,2,2-Tetrachloroethane	15	1U
108-88-3	Toluene	15	1U
108-90-7	Chlorobenzene	15	1U
100-41-4	Ethylbenzene	13	13
100-42-5	Styrene	15	1U
1330-20-7	Xylene (total)	15	1U

LA
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Empty box for EPA Sample No.

LAB NAME: ETC CORP. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDS No.: _____

Matrix: (soil/water) Water Lab Sample ID: CA1375V

sample wt/vol: 50 (g/ml) ml Lab File ID: 7C7251

Level: (low/med) LOW Date Received: 09/27/09 11/9/09

Moisture: not det. _____ Date Analyzed: 10/03/09

Column: (pack/eq) SMK Dilution Factor: 1

CONCENTRATION UNITS:
(ug/L or ug/g) ug/l.

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/g) <u>ug/l.</u>	e
109-99-9	Tetrahydrofuran.....	210	

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC CORP. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Water Lab Sample ID: CA1375V

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 767251

Level: (low/med) low Date Received: 09/27/09

% Moisture: not dec. _____ Date Analyzed: 10/03/09

Column: (pack/cap) Pack Dilution Factor: 1

Number TICs found: 1 CONCENTRATION UNITS:
(ug/L or ug/kg) ug/l.

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. <u>60297</u>	<u>Diethyl ether</u>	<u>15.67</u>	<u>17</u>	<u>J</u>
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.



Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1376U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7250

Level: (low/med) LOW

Date Received: 09/29/89

*OT
11/9/89*

% Moisture: not dec.

Date Analyzed: 10/03/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	IU
74-83-9	Bromomethane	10	IU
75-01-4	Vinyl Chloride	10	IU
75-00-3	Chloroethane	6	IJ
75-09-2	Methylene Chloride	5	I
67-64-1	Acetone	4	IJ
75-15-0	Carbon Disulfide	5	IU
75-35-4	1,1-Dichloroethene	5	IU
75-34-3	1,1-Dichloroethane	5	I
540-59-0	1,2-Dichloroethene (total)	5	IU
67-66-3	Chloroform	5	IU
107-06-2	1,2-Dichloroethane	5	IU
78-93-3	2-Butanone	10	IU
71-55-6	1,1,1-Trichloroethane	5	IU
56-23-5	Carbon Tetrachloride	5	IU
108-05-4	Vinyl Acetate	10	IU
75-27-4	Bromodichloromethane	5	IU
78-87-5	1,2-Dichloropropane	12	IJ
10061-01-5	cis-1,3-Dichloropropene	5	IU
79-01-6	Trichloroethene	5	IU
124-48-1	Dibromochloromethane	5	IU
79-00-5	1,1,2-Trichloroethane	5	IU
71-43-2	Benzene	13	IJ
10061-02-6	trans-1,3-Dichloropropene	5	IU
75-25-2	Bromoform	5	IU
108-10-1	4-Methyl-2-Pentanone	10	IU
591-78-6	2-Hexanone	10	IU
127-18-4	Tetrachloroethene	5	IU
79-34-5	1,1,2,2-Tetrachloroethane	5	IU
108-88-3	Toluene	5	IU
108-90-7	Chlorobenzene	5	IU
100-41-4	Ethylbenzene	5	IU
100-42-5	Styrene	5	IU
1330-20-7	Xylene (total)	5	IU

37

LA
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
[]

Lab Name: ETE CORP. Contract: _____
Lab Code: _____ Case No.: _____ SAS No.: _____ SDS No.: _____
Matrix: (soil/water) Water Lab Sample ID: CA1376V
Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 267250
Level: (low/mid) low Date Received: 09/27/89
Moisture: not des. _____ Date Analyzed: 10/03/89
Column: (pack/cap) PACK Dilution Factor: 1

OT
11/9/89

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/mg) <u>well</u>	Q
109-99-9	Tetrahydrofuran.....	290	

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC CORP. Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/vater) water Lab Sample ID: CA1376V
 Sample wt./vol: 5.0 (g/ml) ml Lab File ID: X9250
 Level: (low/med) low Date Received: 09/28/89
 % Moisture: not dec. _____ Date Analyzed: 10/03/89
 Column: (pack/cap) GA1K Dilution Factor: 1

Number TICs found: 2 CONCENTRATION UNITS:
(ug/L or ug/MG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. <u>60247</u>	<u>Diethyl ether</u>	<u>15.61</u>	<u>27</u>	<u>5</u>
2. <u>75434</u>	<u>Diethylmalononitrile</u>	<u>1.39</u>	<u>27</u>	<u>5</u>
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1.3
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1377U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7256

Level: (low/med) LOW

Date Received: 09²⁸ / 89

% Moisture: not dec.

Date Analyzed: 10/04/89

11/9/89

Column: (pack/cap) PACK

Dilution Factor: 1

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

VOCA TESTS CONDUCTED ANALYZED BY OTHER METHODS
 TENTATIVELY IDENTIFIED COMPOUNDS

LAB NAME: ETC CORP. CONTRACT: _____

LAB CODE: _____ CASE NO.: _____ SAS NO.: _____ SDR NO.: _____

MATRIX: (SOIL/WATER) water LAB SAMPLE ID: CA1377V

SAMPLE WT/VOL: 5.0 (g/mL) net LAB FILE ID: 7C7256

LEVEL: (LOW/MED) LOW DATE RECEIVED: 09/28/89

& MOISTURE: not dec. DATE ANALYZED: 10/04/89

COLUMN: (PACK/CAP) 6AHC DILUTION FACTOR: 1

NUMBER TICS FOUND: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1378U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7267

Level: (low/med) LOW

Date Received: 09/29/89

% Moisture: not dec.

Date Analyzed: 10/05/89

Column: (pack/cap) PACK

Dilution Factor: 1

PT
11/1/89

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	IU
74-83-9	Bromomethane	10	IU
75-01-4	Vinyl Chloride	10	IU
75-00-3	Chloroethane	10	IU
75-09-2	Methylene Chloride	13	IJ
67-64-1	Acetone	17	IJ
75-15-0	Carbon Disulfide	15	IU
75-35-4	1,1-Dichloroethene	15	IU
75-34-3	1,1-Dichloroethane	15	IU
540-59-0	1,2-Dichloroethene (total)	15	IU
67-66-3	Chloroform	15	IU
107-06-2	1,2-Dichloroethane	15	IU
78-93-3	2-Butanone	10	IU
71-55-6	1,1,1-Trichloroethane	15	IU
56-23-5	Carbon Tetrachloride	15	IU
108-05-4	Vinyl Acetate	10	IU
75-27-4	Bromodichloromethane	15	IU
78-87-5	1,2-Dichloropropane	15	IU
10061-01-5	cis-1,3-Dichloropropene	15	IU
79-01-6	Trichloroethene	15	IU
124-48-1	Dibromochloromethane	15	IU
79-00-5	1,1,2-Trichloroethane	15	IU
71-43-2	Benzene	15	IU
10061-02-6	trans-1,3-Dichloropropene	15	IU
75-25-2	Bromoform	15	IU
108-10-1	4-Methyl-2-Pentanone	10	IU
591-78-6	2-Hexanone	10	IU
127-18-4	Tetrachloroethene	15	IU
79-34-5	1,1,2,2-Tetrachloroethane	15	IU
108-88-3	Toluene	15	IU
108-90-7	Chlorobenzene	15	IU
100-41-4	Ethylbenzene	15	IU
100-42-5	Styrene	15	IU
1330-20-7	Xylene (total)	15	IU

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<p style="text-align: center;">7</p>	10	<p style="text-align: center;">Tetrahydrofuran</p>	109-99-9

LAB NAME: ETC CORP

CONTRACT: _____

LAB CODE: _____ **CASE NO.:** _____ **SAS NO.:** _____ **SIS NO.:** _____

LAB SAMPLE ID: CA1379V **LAB SAMPLE ID:** >C7267

MASTER: (BOTT/VOLUME) NAME: S.O (S/ML) IN **LAB FILE ID:** >C7267

SAMPLE VOLUME: 5.0 (S/ML) **DATE SHIPPED:** 09/28/87

LEVEL: (LOW/HIGH) LOW **DATE ANALYSED:** 10/05/89

INTERPRET: NOT DOC. **DILUTION FACTOR:** 1

COLUMN: (PACK/SEQ) PACK **CONCENTRATION UNIT:** (W/L OR W/W) %

LAB SAMPLE NO.

LAB VOLATILE ORGANICS ANALYSIS DATA SHEET

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC CORP. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Water Lab Sample ID: CA1378V

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 7C 7267

Level: (low/med) low Date Received: 09/22/89

% Moisture: not dec. _____ Date Analyzed: 10/05/89

Column: (pack/cap) PAK Dilution Factor: 1

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>None Found.</u>			
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1382U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7257

Level: (low/med) LOW

Date Received: 09/29/89

% Moisture: not dec.

Date Analyzed: 10/04/89

OT
11/9/89

Column: (pack/cap) PACK

Dilution Factor: 1

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

**LA
VOLATILE ORGANICS ANALYSIS DATA SHEET**

EPA SAMPLE NO.

Lab Name: ETC CORP.

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDS No.: _____

Matrix: (soil/water) Water

Lab Sample ID: CA1392V

sample wt/vol: 5.0 (g/mL) ml

Lab File ID: >C7257

Level: (low/high) low

Date Received: 09/28/01

% Moisture: not des. _____

Date Analyzed: 10/04/09

Column: (pack/cap) pack

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNIT: (ug/L or ug/mL) <u>ug/L</u>	e
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CAS NO.	COMPOUND	CONCENTRATION UNIT: (ug/L or ug/mL)	e
109-99-9	Tetrahydrofuran.....	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC CONT. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Water Lab Sample ID: CA1382V

Sample wt/vol: 5.0 (g/mL) ml Lab File ID: 207257

Level: (low/med) low Date Received: 09/20/09

% Moisture: not dec. _____ Date Analyzed: 10/04/09

Column: (pack/cap) Pack Dilution Factor: 1

Number TICs found: 0

CONCENTRATION UNITS:
 (ug/L or ug/kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>None Found.</u>			
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL *WA 11/1/89*

Lab Sample ID: CA2013U

Sample wt/vol: ~~←2~~ 5.0 (g/mL) G

Lab File ID: >D7659

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 17

Date Analyzed: 10/03/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	IU
74-83-9	Bromomethane	12	IU
75-01-4	Vinyl Chloride	12	IU
75-00-3	Chloroethane	12	IU
75-09-2	Methylene Chloride	182	IS
67-64-1	Acetone	12	IU
75-15-0	Carbon Disulfide	6	IU
75-35-4	1,1-Dichloroethane	6	IU
75-34-3	1,1-Dichloroethane	6	IU
540-59-0	1,2-Dichloroethane (total)	6	IU
67-66-3	Chloroform	6	IU
107-06-2	1,2-Dichloroethane	6	IU
78-93-3	2-Butanone	12	IU
71-55-6	1,1,1-Trichloroethane	6	IU
56-23-5	Carbon Tetrachloride	6	IU
108-05-4	Vinyl Acetate	12	IU
75-27-4	Bromodichloromethane	6	IU
78-87-5	1,2-Dichloropropane	6	IU
10061-01-5	cis-1,3-Dichloropropane	6	IU
79-01-6	Trichloroethane	6	IU
124-48-6	Dibromochloromethane	6	IU
79-00-5	1,1,2-Trichloroethane	6	IU
71-43-2	Benzene	6	IU
10061-02-4	trans-1,3-Dichloropropane	6	IU
75-25-2	Bromoform	6	IU
108-10-1	4-Methyl-2-Pentanone	12	IU
591-78-6	2-Hexanone	12	IU
127-18-4	Tetrachloroethene	6	IU
79-34-5	1,1,2,2-Tetrachloroethane	6	IU
108-88-3	Toluene	6	IU
108-90-7	Chlorobenzene	6	IU
100-41-4	Ethylbenzene	6	IU
100-42-5	Styrene	6	IU
1330-20-7	Xylene (total)	6	IU

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LA
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: HR CORP

Contract: _____

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Lab Code: _____

Case No.: _____

SAS No.: _____

SOS No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: CA2013V

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: 7D7659

Level: (low/high) LOW

Date Received: 09/23/89

% Moisture: not det. 17

Date Analyzed: 10/03/89

Column: (pack/sep) PACK

Dilution Factor: 1

CAS NO.

COMPOUND

CONCENTRATION UNIT:
(ug/L or ug/g) ug/kg

g

109-99-9	Tetrahydrofuran.....	<u>10</u>	<u>✓</u>

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETL CORP

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL # 11/09/89

Lab Sample ID: PH 2013V

Sample wt/vol: 5.0 4.2 (g/mL) g

Lab File ID: 207659

Level: (low/med) low

Date Received: 09/23/89

% Moisture: not dec. 17

Date Analyzed: 10/03/89

Column: (pack/cap) PACK

Dilution Factor: 1

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>UNKNOWN</u>	<u>22.47</u>	<u>B</u>	
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: CA1365C

Sample wt/vol: 25.0 (g/mL) G

Lab File ID: >G9039

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. / 7 dec.

Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/14/89

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

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	800	1U
111-44-4	bis(2-Chloroethyl)ether	800	1U
95-57-8	2-Chlorophenol	800	1U
541-73-1	1,3-Dichlorobenzene	800	1U
106-46-7	1,4-Dichlorobenzene	800	1U
100-51-6	Benzyl alcohol	800	1U
95-50-1	1,2-Dichlorobenzene	800	1U
95-48-7	2-Methylphenol	800	1U
108-60-1	bis(2-Chloroisopropyl)ether	800	1U
106-44-5	4-Methylphenol	800	1U
621-64-7	N-Nitroso-di-n-propylamine	800	1U
67-72-1	Hexachloroethane	800	1U
98-95-3	Nitrobenzene	800	1U
78-59-1	Isophorone	800	1U
88-75-5	2-Nitrophenol	800	1U
105-67-9	2,4-Dimethylphenol	800	1U
65-85-0	Benzoic acid	4000	1U
111-91-1	bis(2-Chloroethoxy)methane	800	1U
120-83-2	2,4-Dichlorophenol	800	1U
120-82-1	1,2,4-Trichlorobenzene	800	1U
91-20-3	Naphthalene	800	1U
106-47-4	4-Chloroaniline	800	1U
87-68-3	Hexachlorobutadiene	800	1U
59-50-2	4-Chloro-3-methylphenol	800	1U
91-57-6	2-Methylnaphthalene	800	1U
77-47-4	Hexachlorocyclopentadiene	800	1U
88-06-2	2,4,6-Trichlorophenol	800	1U
95-95-4	2,4,5-Trichlorophenol	4000	1U
91-58-7	2-Chloronaphthalene	800	1U
88-74-4	2-Nitroaniline	4000	1U
131-11-3	Dimethylphthalate	800	1U
208-96-8	Acenaphthylene	800	1U
606-20-2	2,6-Dinitrotoluene	800	1U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____

Lab Code: _____ CAS No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/air/water) SOIL Lab Sample ID: CA1365C

Sample wt/vol: 25.0 (g/mL) G Lab File ID: >G9039

Level: (low/med) LOW Date Received: 09/23/89

% Moisture: not dec./7 dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4000	IU
83-32-9	Acenaphthene	800	IU
51-28-5	2,4-Dinitrophenol	4000	IU
100-02-7	4-Nitrophenol	4000	IU
132-64-9	Dibenzofuran	800	IU
121-14-2	2,4-Dinitrotoluene	800	IU
84-66-2	Diethylphthalate	800	IU
7005-72-3	4-Chlorophenyl-phenylether	800	IU
86-73-7	Fluorene	800	IU
100-01-6	4-Nitroaniline	4000	IU
534-52-1	4,6-Dinitro-2-methylphenol	4000	IU
86-30-6	N-Nitrosodiphenylamine (1)	800	IU
101-55-3	4-Bromophenyl-phenylether	800	IU
118-74-1	Hexachlorobenzene	800	IU
87-86-5	Pentachlorophenol	4000	IU
85-01-8	Phenanthrene	800	IU
120-12-7	Anthracene	800	IU
84-74-2	Di-n-butylphthalate	800	IU
206-44-0	Fluoranthene	800	IU
129-00-8	Pyrene	800	IU
85-68-7	Butylbenzylphthalate	800	IU
91-94-3	3,3'-Dichlorobenzidine	1600	IU
56-55-3	Benzo(a)anthracene	800	IU
218-01-2	Chrysene	800	IU
117-81-7	Bis(2-Ethylhexyl)phthalate	800	IU
117-84-0	Di-n-octylphthalate	150	IJ
205-99-2	Benzo(b)fluoranthene	800	IU
207-08-9	Benzo(k)fluoranthene	800	IU
50-32-8	Benzo(a)pyrene	800	IU
193-39-5	Indeno(1,2,3-cd)pyrene	800	IU
53-70-3	Dibenz(a,h)anthracene	800	IU
191-24-2	Benzo(g,h,i)perylene	800	IU

(1) ~ Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: CA1366C

Sample wt/vol: 24.0 (g/mL) G

Lab File ID: >G9030

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 20 dec.

Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/14/89

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

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	830	1U
111-44-4	bis(2-Chloroethyl)ether	830	1U
95-57-8	2-Chlorophenol	830	1U
541-73-1	1,3-Dichlorobenzene	830	1U
106-46-7	1,4-Dichlorobenzene	830	1U
100-51-6	Benzyl alcohol	830	1U
95-50-1	1,2-Dichlorobenzene	830	1U
95-48-7	2-Methylphenol	830	1U
108-60-1	bis(2-Chloroisopropyl)ether	830	1U
106-44-5	4-Methylphenol	830	1U
621-64-7	N-Nitroso-di-n-propylamine	830	1U
67-72-1	Hexachloroethane	830	1U
98-95-3	Nitrobenzene	830	1U
78-59-1	Isophorone	830	1U
88-75-5	2-Nitrophenol	830	1U
105-67-9	2,4-Dimethylphenol	830	1U
65-85-0	Benzoic acid	4200	1U
111-91-1	bis(2-Chloroethoxy)methane	830	1U
120-83-2	2,4-Dichlorophenol	830	1U
120-82-3	1,2,4-Trichlorobenzene	830	1U
91-20-3	Naphthalene	830	1U
106-47-3	4-Chloroaniline	830	1U
87-68-3	Hexachlorobutadiene	830	1U
59-50-7	4-Chloro-3-methylphenol	830	1U
91-57-6	2-Methylnaphthalene	830	1U
77-47-4	Hexachlorocyclopentadiene	830	1U
88-06-2	2,4,6-Trichlorophenol	830	1U
95-95-4	2,4,5-Trichlorophenol	4200	1U
91-58-7	2-Chloronaphthalene	830	1U
88-74-4	2-Nitroaniline	4200	1U
131-11-3	Dimethylphthalate	830	1U
208-96-8	Acenaphthylene	830	1U
606-20-2	2,6-Dinitrotoluene	830	1U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC XXXXXXXXXX Contract: _____

Lab Code: XXXXXXXXXX No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/sediment) SOIL Lab Sample ID: CA1366C

Sample wt/vol: 24.0 (g/mL) G Lab File ID: >G9030

Level: (low/med) LQW Date Received: 09/23/89

% Moisture: not dec. 20 dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4200	1U
83-32-9	Acenaphthene	830	1U
51-28-5	2,4-Dinitrophenol	4200	1U
100-02-7	4-Nitrophenol	4200	1U
132-64-9	Dibenzofuran	830	1U
121-14-2	2,4-Dinitrotoluene	830	1U
84-66-2	Diethylphthalate	830	1U
7005-72-3	4-Chlorophenyl-phenylether	830	1U
86-73-7	Fluorene	830	1U
100-01-6	4-Nitroaniline	4200	1U
534-52-1	4,6-Dinitro-2-methylphenol	4200	1U
86-30-6	N-Nitrosodiphenylamine (1)	830	1U
101-55-3	4-Bromophenyl-phenylether	830	1U
118-74-1	Hexachlorobenzene	830	1U
87-86-5	Pentachlorophenol	4200	1U
85-01-8	Phenanthrene	830	1U
120-12-7	Anthracene	830	1U
84-74-2	Di-n-butylphthalate	830	1U
206-44-0	Fluoranthene	830	1U
129-00-8	Pyrene	830	1U
85-68-7	Butylbenzylphthalate	830	1U
91-94-8	3,3'-Dichlorobenzidine	1700	1U
56-55-3	Benzo(a)anthracene	830	1U
218-01-9	Chrysene	830	1U
117-81-7	bis(2-Ethylhexyl)phthalate	830	1U
117-84-0	Di-n-octylphthalate	830	1U
205-99-2	Benzo(b)fluoranthene	830	1U
207-08-9	Benzo(k)fluoranthene	830	1U
50-32-8	Benzo(a)pyrene	830	1U
193-39-5	Indeno(1,2,3-cd)pyrene	830	1U
53-70-3	Dibenz(a,h)anthracene	830	1U
191-24-2	Benzo(g,h,i)perylene	830	1U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETC

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: CA1366C

Sample wt/vol: 24.0 (g/mL)G

Lab File ID: >G9030

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 20 dec. _____

Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/14/89

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

Dilution Factor: 1

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01.	UNKNOWN	6.55	3100	JB
02.	UNKNOWN	6.31	910	J
03.	UNKNOWN	5.48	700	J
04. 4337-65-9	HEXANEDIOIC ACID, MONO(2-ETH	31.65	2900	J
05. 108-10-1	2-Pentanone, 4-methyl-	3.95	480	JB
06.	Alkane	6.23	380	JB

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SOG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: CA1367C
 Sample wt/vol: 21.9 (g/mL) G Lab File ID: >G9040
 Level: (low/med) LOW Date Received: 09/23/89
 % Moisture: not dec. 27 dec. Date Extracted: 10/04/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	910	IU
111-44-4	bis(2-Chloroethyl)ether	910	IU
95-57-8	2-Chlorophenol	910	IU
541-73-1	1,3-Dichlorobenzene	910	IU
106-46-7	1,4-Dichlorobenzene	910	IU
100-51-6	Benzyl alcohol	910	IU
95-50-1	1,2-Dichlorobenzene	910	IU
95-48-7	2-Methylphenol	910	IU
108-60-1	bis(2-Chloroisopropyl)ether	910	IU
106-44-5	4-Methylphenol	910	IU
621-64-7	N-Nitroso-di-n-propylamine	910	IU
67-72-1	Hexachloroethane	910	IU
98-95-3	Nitrobenzene	910	IU
78-59-1	Isophorone	910	IU
88-75-5	2-Nitrophenol	910	IU
105-67-9	2,4-Dimethylphenol	910	IU
65-85-0	Benzoic acid	4600	IU
111-91-1	bis(2-Chloroethoxy)methane	910	IU
120-83-2	2,4-Dichlorophenol	910	IU
120-82-1	2,3,4-Trichlorobenzene	910	IU
91-20-7	Naphthalene	910	IU
106-47-8	4-Chloroaniline	910	IU
87-68-3	Hexachlorobutadiene	910	IU
59-50-7	4-Chloro-3-methylphenol	910	IU
91-57-6	2-Methylnaphthalene	910	IU
77-47-4	Hexachlorocyclopentadiene	910	IU
88-06-2	2,4,6-Trichlorophenol	910	IU
95-95-4	2,4,5-Trichlorophenol	4600	IU
91-58-7	2-Chloronaphthalene	910	IU
88-74-4	2-Nitroaniline	4600	IU
131-11-3	Dimethylphthalate	910	IU
208-96-8	Acenaphthylene	910	IU
606-20-2	2,6-Dinitrotoluene	910	IU

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/air) SOIL Lab Sample ID: CA1367C
 Sample wt/vol: 21.9 (g/mL) G Lab File ID: >G9040
 Level: (low/med) LOW Date Received: 09/23/89
 % Moisture: not dec. 27 dec. Date Extracted: 10/04/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4600	IU
83-32-9	Acenaphthene	910	IU
51-28-5	2,4-Dinitrophenol	4600	IU
100-02-7	4-Nitrophenol	4600	IU
132-64-9	Dibenzofuran	910	IU
121-14-2	2,4-Dinitrotoluene	910	IU
84-66-2	Diethylphthalate	910	IU
7005-72-3	4-Chlorophenyl-phenylether	910	IU
86-73-7	Fluorene	910	IU
100-01-6	4-Nitroaniline	4600	IU
534-52-1	4,6-Dinitro-2-methylphenol	4600	IU
86-30-6	N-Nitrosodiphenylamine (1)	910	IU
101-55-3	4-Bromophenyl-phenylether	910	IU
118-74-1	Hexachlorobenzene	910	IU
87-86-5	Pentachlorophenol	4600	IU
85-01-8	Phenanthrene	910	IU
120-12-7	Anthracene	910	IU
84-74-2	Di-n-butylphthalate	910	IU
206-44-0	Fluoranthene	910	IU
129-00-8	Pyrene	910	IU
85-68-8	Butylbenzylphthalate	910	IU
91-94-3	3,3'-Dichlorobenzidine	1800	IU
56-55-3	Benzo(a)anthracene	910	IU
218-01-9	Chrysene	910	IU
117-81-2	bis(2-Ethylhexyl)phthalate	910	IU
117-84-0	Di-n-octylphthalate	910	IU
205-99-2	Benzo(b)fluoranthene	910	IU
207-08-9	Benzo(k)fluoranthene	910	IU
50-32-8	Benzo(a)pyrene	910	IU
193-39-5	Indeno(1,2,3-cd)pyrene	910	IU
53-70-3	Dibenz(a,h)anthracene	910	IU
191-24-2	Benzo(g,h,i)perylene	910	IU

(1) - Cannot be separated from Diphenylamine

1F
 SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET
 STATUELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETC _____ Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water)SOIL Lab Sample ID: CA1367C
 Sample wt/vol: 21.9 (g/mL)G Lab File ID: >G9040
 Level: (low/med) LOW Date Received: 09/23/89
 % Moisture: not dec. 27 dec. _____ Date Extracted: 10/04/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

Number TICs found: 5 CONCENTRATION UNITS:
 (ug/L or ug/Kg)UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01.	UNKNOWN	6.48	2800	JB
02.	UNKNOWN	6.25	2300	J
03.	UNKNOWN	5.40	2000	J
04. 4337-65-9	HEXANEDIOIC ACID, MONO(2-ETHI	31.53	13000	J
05. 108-10-1	2-Pentanone, 4-methyl-	3.83	430	JB

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ET Contract: _____

Lab Code: Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: CA1368C

Sample wt/vol: 25.9 (g/mL) G Lab File ID: >G9032

Level: (low/med) LOW Date Received: 09/23/89

% Moisture: not dec. ¹⁴ dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	770	IU
111-44-4	bis(2-Chloroethyl)ether	770	IU
95-57-8	2-Chlorophenol	770	IU
541-73-1	1,3-Dichlorobenzene	770	IU
106-46-7	1,4-Dichlorobenzene	770	IU
100-51-6	Benzyl alcohol	770	IU
95-50-1	1,2-Dichlorobenzene	770	IU
95-48-7	2-Methylphenol	770	IU
108-60-1	bis(2-Chloroisopropyl)ether	770	IU
106-44-5	4-Methylphenol	770	IU
621-64-7	N-Nitroso-di-n-propylamine	770	IU
67-72-1	Hexachloroethane	770	IU
98-95-3	Nitrobenzene	770	IU
78-59-1	Isophorone	770	IU
88-75-5	2-Nitrophenol	770	IU
105-67-9	2,4-Dimethylphenol	770	IU
65-85-0	Benzoic acid	13900	IU
111-91-1	bis(2-Chloroethoxy)methane	770	IU
120-83-2	2,4-Dichlorophenol	770	IU
120-81-1	1,2,4-Trichlorobenzene	770	IU
91-20-3	Naphthalene	770	IU
106-47-8	4-Chloroaniline	770	IU
87-68-3	Hexachlorobutadiene	770	IU
59-50-7	4-Chloro-3-methylphenol	770	IU
91-57-6	2-Methylnaphthalene	770	IU
77-47-4	Hexachlorocyclopentadiene	770	IU
88-06-2	2,4,6-Trichlorophenol	770	IU
95-95-4	2,4,5-Trichlorophenol	13900	IU
91-58-7	2-Chloronaphthalene	770	IU
88-74-4	2-Nitroaniline	13900	IU
131-11-3	Dimethylphthalate	770	IU
208-96-8	Acenaphthylene	770	IU
606-20-2	2,6-Dinitrotoluene	770	IU

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/sediment) SOIL Lab Sample ID: CA1368C

Sample wt/vol: 25.9 (g/mL) G Lab File ID: >G9032

Level: (low/med) LOW Date Received: 09/23/89

% Moisture: not dec. 14 dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	13900	IU
83-32-9	Acenaphthene	1770	IU
51-28-5	2,4-Dinitrophenol	13900	IU
100-02-7	4-Nitrophenol	13900	IU
132-64-9	Dibenzofuran	1770	IU
121-14-2	2,4-Dinitrotoluene	1770	IU
84-66-2	Diethylphthalate	1770	IU
7005-72-3	4-Chlorophenyl-phenylether	1770	IU
86-73-7	Fluorene	1770	IU
100-01-6	4-Nitroaniline	13900	IU
534-52-1	4,6-Dinitro-2-methylphenol	13900	IU
86-30-6	N-Nitrosodiphenylamine (1)	1770	IU
101-55-3	4-Bromophenyl-phenylether	1770	IU
118-74-1	Hexachlorobenzene	1770	IU
87-86-5	Pentachlorophenol	13900	IU
85-01-8	Phenanthrene	1770	IU
120-12-7	Anthracene	1770	IU
84-74-2	Di-n-butylphthalate	1770	IU
206-44-0	Fluoranthene	1770	IU
129-00-8	Pyrene	1770	IU
85-68-7	Butylbenzylphthalate	1770	IU
91-94-7	3,3'-Dichlorobenzidine	1500	IU
56-55-7	Benzo(a)anthracene	1770	IU
218-01-9	Chrysene	1770	IU
117-81-5	bis(2-Ethylhexyl)phthalate	1770	IU
117-84-0	Di-n-octylphthalate	1770	IU
205-99-2	Benzo(b)fluoranthene	1770	IU
207-08-9	Benzo(k)fluoranthene	1770	IU
50-32-8	Benzo(a)pyrene	1770	IU
193-39-5	Indeno(1,2,3-cd)pyrene	1770	IU
53-70-3	Dibenz(a,h)anthracene	1770	IU
191-24-2	Benzo(g,h,i)perylene	1770	IU

(1) - Cannot be separated from Diphenylamine

18
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: CA1369C

Sample wt/vol: 23.2 (g/mL) G Lab File ID: >G9038

Level: (low/med) LOW Date Received: 09/23/89

% Moisture: not dec. 23 dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	860	U
111-44-4	bis(2-Chloroethyl)ether	860	U
95-57-8	2-Chlorophenol	860	U
541-73-1	1,3-Dichlorobenzene	860	U
106-46-7	1,4-Dichlorobenzene	860	U
100-51-6	Benzyl alcohol	860	U
95-50-1	1,2-Dichlorobenzene	860	U
95-48-7	2-Methylphenol	860	U
108-60-1	bis(2-Chloroisopropyl)ether	860	U
106-44-5	4-Methylphenol	860	U
621-64-7	N-Nitroso-di-n-propylamine	860	U
67-72-1	Hexachloroethane	860	U
98-95-3	Nitrobenzene	860	U
78-59-1	Isophorone	860	U
88-75-5	2-Nitrophenol	860	U
105-67-9	2,4-Dimethylphenol	860	U
65-85-0	Benzoic acid	4300	U
111-91-1	bis(2-Chloroethoxy)methane	860	U
120-83-2	2,4-Dichlorophenol	860	U
120-82-1	1,2,4-Trichlorobenzene	860	U
91-20-9	Naphthalene	860	U
106-42-1	4-Chloroaniline	860	U
87-68-2	Hexachlorobutadiene	860	U
59-50-7	4-Chloro-3-methylphenol	860	U
91-57-6	2-Methylnaphthalene	860	U
77-47-4	Hexachlorocyclopentadiene	860	U
88-06-2	2,4,6-Trichlorophenol	860	U
95-95-4	2,4,5-Trichlorophenol	4300	U
91-58-7	2-Chloronaphthalene	860	U
88-74-4	2-Nitroaniline	4300	U
131-11-3	Dimethylphthalate	860	U
208-96-8	Acenaphthylene	860	U
606-20-2	2,6-Dinitrotoluene	860	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____
 Lab Code: _____ No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil) SOIL Lab Sample ID: CA1369C
 Sample wt/vol: 23.2 (g/mL) G Lab File ID: >G9038
 Level: (low/med) LOW Date Received: 09/23/89
 % Moisture: not dec. 23 dec. Date Extracted: 10/04/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4300	U
83-32-9	Acenaphthene	860	U
51-28-5	2,4-Dinitrophenol	4300	U
100-02-7	4-Nitrophenol	4300	U
132-64-9	Dibenzofuran	860	U
121-14-2	2,4-Dinitrotoluene	860	U
84-66-2	Diethylphthalate	860	U
7005-72-3	4-Chlorophenyl-phenylether	860	U
86-73-7	Fluorene	860	U
100-01-6	4-Nitroaniline	4300	U
534-52-1	4,6-Dinitro-2-methylphenol	4300	U
86-30-6	N-Nitrosodiphenylamine (1)	860	U
101-55-3	4-Bromophenyl-phenylether	860	U
118-74-1	Hexachlorobenzene	860	U
87-86-5	Pentachlorophenol	4300	U
85-01-8	Phenanthrene	860	U
120-12-7	Anthracene	860	U
84-74-2	Di-n-butylphthalate	860	U
206-44-0	Fluoranthene	860	U
129-00-0	Pyrene	860	U
85-60-0	Butylbenzylphthalate	860	U
91-94-0	3,3'-Dichlorobenzidine	1700	U
56-55-5	Benzo(a)anthracene	860	U
218-01-0	Chrysene	860	U
117-81-0	bis(2-Ethylhexyl)phthalate	54	U
117-84-0	Di-n-octylphthalate	860	U
205-99-2	Benzo(b)fluoranthene	860	U
207-08-9	Benzo(k)fluoranthene	860	U
50-32-8	Benzo(a)pyrene	860	U
193-39-5	Indeno(1,2,3-cd)pyrene	860	U
53-70-3	Dibenz(a,h)anthracene	860	U
191-24-2	Benzo(g,h,i)perylene	860	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: CA1370C

Sample wt/vol: 24.0 (g/mL) G Lab File ID: >G9028

Level: (low/med) LOW Date Received: 09/23/89

% Moisture: not dec. 20 dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	830	U
111-44-4	bis(2-Chloroethyl)ether	830	U
95-57-8	2-Chlorophenol	830	U
541-73-1	1,3-Dichlorobenzene	830	U
106-46-7	1,4-Dichlorobenzene	830	U
100-51-6	Benzyl alcohol	830	U
95-50-1	1,2-Dichlorobenzene	830	U
95-48-7	2-Methylphenol	830	U
108-60-1	bis(2-Chloroisopropyl)ether	830	U
106-44-5	4-Methylphenol	830	U
621-64-7	N-Nitroso-di-n-propylamine	830	U
67-72-1	Hexachloroethane	830	U
98-95-3	Nitrobenzene	830	U
78-59-1	Isophorone	830	U
88-75-5	2-Nitrophenol	830	U
105-67-9	2,4-Dimethylphenol	830	U
65-85-0	Benzoic acid	4200	U
111-91-1	bis(2-Chloroethoxy)methane	830	U
120-83-2	2,4-Dichlorophenol	830	U
120-82-3	1,2,4-Trichlorobenzene	830	U
91-20-3	Naphthalene	830	U
106-47-3	4-Chloroaniline	830	U
87-68-7	Hexachlorobutadiene	830	U
59-50-7	4-Chloro-3-methylphenol	830	U
91-57-6	2-Methylnaphthalene	830	U
77-47-4	Hexachlorocyclopentadiene	830	U
88-06-2	2,4,6-Trichlorophenol	830	U
95-95-4	2,4,5-Trichlorophenol	4200	U
91-58-7	2-Chloronaphthalene	830	U
88-74-4	2-Nitroaniline	4200	U
131-11-3	Dimethylphthalate	830	U
208-96-8	Acenaphthylene	830	U
606-20-2	2,6-Dinitrotoluene	830	U

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____

Lab Code: _____ No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: CA1370C

Sample wt/vol: 24.0 (g/mL) G Lab File ID: >G9028

Level: (low/med) LOW Date Received: 09/23/89

% Moisture: not dec. 20 dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/KG
99-09-2	3-Nitroaniline	4200	U
83-32-9	Acenaphthene	830	U
51-28-5	2,4-Dinitrophenol	4200	U
100-02-7	4-Nitrophenol	4200	U
132-64-9	Dibenzofuran	830	U
121-14-2	2,4-Dinitrotoluene	830	U
84-66-2	Diethylphthalate	830	U
7005-72-3	4-Chlorophenyl-phenylether	830	U
86-73-7	Fluorene	830	U
100-01-6	4-Nitroaniline	4200	U
534-52-1	4,6-Dinitro-2-methylphenol	4200	U
86-30-6	N-Nitrosodiphenylamine (1)	830	U
101-55-3	4-Bromophenyl-phenylether	830	U
118-74-1	Hexachlorobenzene	830	U
87-86-5	Pentachlorophenol	4200	U
85-01-8	Phenanthrene	830	U
120-12-7	Anthracene	830	U
84-74-2	Di-n-butylphthalate	830	U
206-44-0	Fluoranthene	830	U
129-00-0	Pyrene	830	U
85-68-7	Butylbenzylphthalate	830	U
91-94-3	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)anthracene	830	U
218-01-6	Chrysene	830	U
117-81-7	bis(2-Ethylhexyl)phthalate	830	U
117-84-0	Di-n-octylphthalate	830	U
205-99-2	Benzo(b)fluoranthene	830	U
207-08-9	Benzo(k)fluoranthene	830	U
50-32-8	Benzo(a)pyrene	830	U
193-39-5	Indeno(1,2,3-cd)pyrene	830	U
53-70-3	Dibenz(a,h)anthracene	830	U
191-24-2	Benzo(g,h,i)perylene	830	U

(1) - Cannot be separated from Diphenylamine

1F
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETC Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water)SOIL Lab Sample ID: CA1370C

Sample wt/vol: 24.0 (g/mL)G Lab File ID: >G9028

Level: (low/med) LOW Date Received: 09/23/89

% Moisture: not dec. 20 dec. _____ Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01.	UNKNOWN	6.54	3100	JB
02. 108-10-1	2-Pentanone, 4-methyl-	3.95	1300	JB
03.	Alkene	6.23	1000	JB
04. 108-88-3	Benzene, methyl-	4.54	790	JB
05.	Alkene	6.05	660	JB

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.



Lab Name: ETCNJ	Contract:		
Lab Code:	Case No.:	SAS No.:	SDG No.:
Matrix: (soil/water) WATER		Lab Sample ID: CA1371C	
Sample wt/vol: 880.0 (g/mL) ML		Lab File ID: >G8602	
Level: (low/med) LOW		Date Received: 09/19/89	
% Moisture: not dec. dec.		Date Extracted: 09/22/89	
Extraction: (SepF/Cont/Sonc) SEPF		Date Analyzed: 10/06/89	
GPC Cleanup: (Y/N) N	pH:	Dilution Factor: 1	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	11	1U
111-44-4	bis(2-Chloroethyl)ether	11	1U
95-57-8	2-Chlorophenol	11	1U
541-73-1	1,3-Dichlorobenzene	11	1U
106-46-7	1,4-Dichlorobenzene	11	1U
100-51-6	Benzyl alcohol	11	1U
95-50-1	1,2-Dichlorobenzene	11	1U
95-48-7	2-Methylphenol	11	1U
108-60-1	bis(2-Chloroisopropyl)ether	11	1U
106-44-5	4-Methylphenol	11	1U
621-64-7	N-Nitroso-di-n-propylamine	11	1U
67-72-1	Hexachloroethane	11	1U
98-95-3	Nitrobenzene	11	1U
78-59-1	Isophorone	11	1U
88-75-5	2-Nitrophenol	11	1U
105-67-9	2,4-Dimethylphenol	11	1U
65-85-0	Benzoic acid	57	1U
111-91-1	bis(2-Chloroethoxy)methane	11	1U
120-83-2	2,4-Dichlorophenol	11	1U
120-82-1	1,2,4-Trichlorobenzene	11	1U
91-20-3	Naphthalene	11	1U
106-47-8	4-Chloroaniline	11	1U
87-68-3	Hexachlorobutadiene	11	1U
59-50-7	4-Chloro-3-methylphenol	11	1U
91-57-6	2-Methylnaphthalene	11	1U
77-47-4	Hexachlorocyclopentadiene	11	1U
88-06-2	2,4,6-Trichlorophenol	11	1U
95-95-4	2,4,5-Trichlorophenol	57	1U
91-58-7	2-Chloronaphthalene	11	1U
88-74-4	2-Nitroaniline	57	1U
131-11-3	Dimethylphthalate	11	1U
208-96-8	Acenaphthylene	11	1U
606-20-2	2,6-Dinitrotoluene	11	1U

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ	Contract:	
Lab Code:	Case No.:	SAS No.:
Matrix: (soil/water) WATER		SDG No.:
Sample wt/vol: 880.0 (g/mL) ML		Lab Sample ID: CA1371C
Level: (low/med) LOW		Lab File ID: >G8602
% Moisture: not dec. dec.		Date Received: 09/19/89
Extraction: (SepF/Cont/Sonc) SEPF		Date Extracted: 09/22/89
GPC Cleanup: (Y/N) N	pH:	Date Analyzed: 10/06/89
		Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	57	1U
83-32-9	Acenaphthene	11	1U
51-28-5	2,4-Dinitrophenol	57	1U
100-02-7	4-Nitrophenol	57	1U
132-64-9	Dibenzofuran	11	1U
121-14-2	2,4-Dinitrotoluene	11	1U
84-66-2	Diethylphthalate	11	1U
7005-72-3	4-Chlorophenyl-phenylether	11	1U
86-73-7	Fluorene	11	1U
100-01-6	4-Nitroaniline	57	1U
534-52-1	4,6-Dinitro-2-methylphenol	57	1U
86-30-6	N-Nitrosodiphenylamine (1)	11	1U
101-55-3	4-Bromophenyl-phenylether	11	1U
118-74-1	Hexachlorobenzene	11	1U
87-86-5	Pentachlorophenol	57	1U
85-01-8	Phenanthrene	11	1U
120-12-7	Anthracene	11	1U
84-74-2	Di-n-butylphthalate	11	1U
206-44-0	Fluoranthene	11	1U
129-00-0	Pyrene	11	1U
85-68-7	Butylbenzylphthalate	11	1U
91-94-1	3,3'-Dichlorobenzidine	23	1U
56-55-3	Benzo(a)anthracene	11	1U
218-01-9	Chrysene	11	1U
117-81-7	bis(2-Ethylhexyl)phthalate	11	1U
117-84-0	Di-n-octylphthalate	11	1U
205-99-2	Benzo(b)fluoranthene	11	1U
207-08-9	Benzo(k)fluoranthene	11	1U
50-32-8	Benzo(a)pyrene	11	1U
193-39-5	Indeno(1,2,3-cd)pyrene	11	1U
53-70-3	Dibenz(a,h)anthracene	11	1U
191-24-2	Benzo(g,h,i)perylene	11	1U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1371C

Sample wt/vol: 880.0 (g/mL) ML

Lab File ID: >G8602

Level: (low/med) LOW

Date Received: 09/19/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/22/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/06/89

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

Dilution Factor: 1

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 141-78-6	Acetic acid, ethyl ester	4.00	400	BJ
02.	ACETON DIMER	5.39	110	BJ
03. 2233-00-3	1-Propene, 3,3,3-trichloro-	8.06	25	BJ
04.	UNKNOWN	6.85	13	BJ
05. 286-20-4	7-Oxabicyclo[4.1.0]heptane	5.67	11	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp. Contract: _____

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: CA1372C

Sample wt/vol: 990.0 (g/mL) ML Lab File ID: >G8667

Level: (low/med) LOW Date Received: 09/28/89 ²⁶ _{GT 10/24/89}

% Moisture: not dec. dec. Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/16/89

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	IU
111-44-4	bis(2-Chloroethyl)ether	10	IU
95-57-8	2-Chlorophenol	10	IU
541-73-1	1,3-Dichlorobenzene	10	IU
106-46-7	1,4-Dichlorobenzene	10	IU
100-51-6	Benzyl alcohol	10	IU
95-50-1	1,2-Dichlorobenzene	10	IU
95-48-7	2-Methylphenol	10	IU
108-60-1	bis(2-Chloroisopropyl)ether	10	IU
106-44-5	4-Methylphenol	10	IU
621-64-7	N-Nitroso-di-n-propylamine	10	IU
67-72-1	Hexachloroethane	10	IU
98-95-3	Nitrobenzene	10	IU
78-59-1	Isophorone	10	IU
88-75-5	2-Nitrophenol	10	IU
105-67-9	2,4-Dimethylphenol	10	IU
65-85-0	Benzoic acid	51	IU
111-91-1	bis(2-Chloroethoxy)methane	10	IU
120-83-2	2,4-Dichlorophenol	10	IU
120-82-1	1,2,4-Trichlorobenzene	10	IU
91-20-3	Naphthalene	10	IU
106-47-8	4-Chloroaniline	10	IU
87-68-3	Hexachlorobutadiene	10	IU
59-50-7	4-Chloro-3-methylphenol	10	IU
91-57-6	2-Methylnaphthalene	10	IU
77-47-4	Hexachlorocyclopentadiene	10	IU
88-06-2	2,4,6-Trichlorophenol	10	IU
95-95-4	2,4,5-Trichlorophenol	51	IU
91-58-7	2-Chloronaphthalene	10	IU
88-74-4	2-Nitroaniline	51	IU
131-11-3	Dimethylphthalate	10	IU
208-96-8	Acenaphthylene	10	IU
606-20-2	2,6-Dinitrotoluene	10	IU

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1C
SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp. Contract: _____
 Lab Code: Case No.: SAS No.: SDG No.:
 Matrix: (soil/water) WATER Lab Sample ID: CA1372C
 Sample wt/vol: 990.0 (g/mL) ML Lab File ID: >G8667
 Level: (low/med) LOW Date Received: 09/28/89
 % Moisture: not dec. dec. Date Extracted: 09/29/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/16/89
 GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	51	IU
83-32-9	Acenaphthene	10	IU
51-28-5	2,4-Dinitrophenol	51	IU
100-02-7	4-Nitrophenol	51	IU
132-64-9	Dibenzofuran	10	IU
121-14-2	2,4-Dinitrotoluene	10	IU
84-66-2	Diethylphthalate	10	IU
7005-72-3	4-Chlorophenyl-phenylether	10	IU
86-73-7	Fluorene	10	IU
100-01-6	4-Nitroaniline	51	IU
534-52-1	4,6-Dinitro-2-methylphenol	51	IU
86-30-6	N-Nitrosodiphenylamine (1)	10	IU
101-55-3	4-Bromophenyl-phenylether	10	IU
118-74-1	Hexachlorobenzene	10	IU
87-86-5	Pentachlorophenol	51	IU
85-01-8	Phenanthrene	10	IU
120-12-7	Anthracene	10	IU
84-74-2	Di-n-butylphthalate	10	IU
206-44-0	Fluoranthene	10	IU
129-00-0	Pyrene	10	IU
85-68-7	Butylbenzylphthalate	10	IU
91-94-1	3,3'-Dichlorobenzidine	20	IU
56-55-3	Benzo(a)anthracene	10	IU
218-01-9	Chrysene	10	IU
117-81-7	bis(2-Ethylhexyl)phthalate	10	IU
117-84-0	Di-n-octylphthalate	10	IU
205-99-2	Benzo(b)fluoranthene	10	IU
207-08-9	Benzo(k)fluoranthene	10	IU
50-32-8	Benzo(a)pyrene	10	IU
193-39-5	Indeno(1,2,3-cd)pyrene	10	IU
53-70-3	Dibenz(a,h)anthracene	10	IU
191-24-2	Benzo(g,h,i)perylene	10	IU

(1) - Cannot be separated from Diphenylamine

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1373C

Sample wt/vol: 940.0 (g/mL) ML

Lab File ID: >G8668

Level: (low/med) LOW

Date Received: 09/28/89 ²⁷

% Moisture: not dec. dec.

Date Extracted: 09/29/89 ^{OT 10/24/89}

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/16/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	11	1U
111-44-4	bis(2-Chloroethyl)ether	11	1U
95-57-8	2-Chlorophenol	11	1U
541-73-1	1,3-Dichlorobenzene	11	1U
106-46-7	1,4-Dichlorobenzene	11	1U
100-51-6	Benzyl alcohol	11	1U
95-50-1	1,2-Dichlorobenzene	11	1U
95-48-7	2-Methylphenol	11	1U
108-60-1	bis(2-Chloroisopropyl)ether	11	1U
106-44-5	4-Methylphenol	11	1U
621-64-7	N-Nitroso-di-n-propylamine	11	1U
67-72-1	Hexachloroethane	11	1U
98-95-3	Nitrobenzene	11	1U
78-59-1	Isophorone	11	1U
88-75-5	2-Nitrophenol	11	1U
105-67-9	2,4-Dimethylphenol	11	1U
65-85-0	Benzoic acid	53	1U
111-91-1	bis(2-Chloroethoxy)methane	11	1U
120-83-2	2,4-Dichlorophenol	11	1U
120-82-1	1,2,4-Trichlorobenzene	11	1U
91-20-3	Naphthalene	11	1U
106-47-8	4-Chloroaniline	11	1U
87-68-3	Hexachlorobutadiene	11	1U
59-50-7	4-Chloro-3-methylphenol	11	1U
91-57-6	2-Methylnaphthalene	11	1U
77-47-4	Hexachlorocyclopentadiene	11	1U
88-06-2	2,4,6-Trichlorophenol	11	1U
95-95-4	2,4,5-Trichlorophenol	53	1U
91-58-7	2-Chloronaphthalene	11	1U
88-74-4	2-Nitroaniline	53	1U
131-11-3	Dimethylphthalate	11	1U
208-96-8	Acenaphthylene	11	1U
606-20-2	2,6-Dinitrotoluene	11	1U

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

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Lab Name: ETC Corp.	Contract:	
Lab Code:	Case No.:	SAS No.:
		SDG No.:
Matrix: (soil/water) WATER		Lab Sample ID: CA1373C
Sample wt/vol: 940.0 (g/mL) ML		Lab File ID: >G8668
Level: (low/med) LOW		Date Received: 09/28/89 ²⁷
% Moisture: not dec. dec.		Date Extracted: 09/29/89 ^{ST 10/24/89}
Extraction: (SepF/Cont/Sonc) SEPF		Date Analyzed: 10/16/89
GPC Cleanup: (Y/N) N pH:		Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2- ----- 3-Nitroaniline -----	53	11	11
83-32-9- ----- Acenaphthene -----	11	11	11
51-28-5- ----- 2,4-Dinitrophenol -----	53	11	11
100-02-7- ----- 4-Nitrophenol -----	53	11	11
132-64-9- ----- Dibenzofuran -----	11	11	11
121-14-2- ----- 2,4-Dinitrotoluene -----	11	11	11
84-66-2- ----- Diethylphthalate -----	11	11	11
7005-72-3- ----- 4-Chlorophenyl-phenylether -----	11	11	11
86-73-7- ----- Fluorene -----	11	11	11
100-01-6- ----- 4-Nitroaniline -----	53	11	11
534-52-1- ----- 4,6-Dinitro-2-methylphenol -----	53	11	11
86-30-6- ----- N-Nitrosodiphenylamine (1) -----	11	11	11
101-55-3- ----- 4-Bromophenyl-phenylether -----	11	11	11
118-74-1- ----- Hexachlorobenzene -----	11	11	11
87-86-5- ----- Pentachlorophenol -----	53	11	11
85-01-8- ----- Phenanthrene -----	11	11	11
120-12-7- ----- Anthracene -----	11	11	11
84-74-2- ----- Di-n-butylphthalate -----	11	11	11
206-44-0- ----- Fluoranthene -----	11	11	11
129-00-0- ----- Pyrene -----	11	11	11
85-68-7- ----- Butylbenzylphthalate -----	11	11	11
91-94-1- ----- 3,3'-Dichlorobenzidine -----	21	11	11
56-55-3- ----- Benzo(a)anthracene -----	11	11	11
218-01-9- ----- Chrysene -----	11	11	11
117-81-7- ----- bis(2-Ethylhexyl)phthalate -----	11	11	11
117-84-0- ----- Di-n-octylphthalate -----	11	11	11
205-99-2- ----- Benzo(b)fluoranthene -----	11	11	11
207-08-9- ----- Benzo(k)fluoranthene -----	11	11	11
50-32-8- ----- Benzo(a)pyrene -----	11	11	11
193-39-5- ----- Indeno(1,2,3-cd)pyrene -----	11	11	11
53-70-3- ----- Dibenz(a,h)anthracene -----	11	11	11
191-24-2- ----- Benzo(g,h,i)perylene -----	11	11	11

(1) - Cannot be separated from Diphenylamine

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1F
 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1373C

Sample wt/vol: 940.0 (g/mL) ML

Lab File ID: >G8668

Level: (low/med) LOW

Date Received: 09/28²⁷/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/16/89

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

Dilution Factor: _____

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01.	UNKNOWN	3.74	300	JB
02.	UNKNOWN	5.33	180	JB
03. 29943-42-8	4H-Pyran-4-one, tetrahydro-	6.16	27	JB
04. 96-19-5	1-Propene, 1,2,3-trichloro-	7.93	21	JB
05. 108-88-3	Benzene, methyl- (9CI)	3.13	18	JB
06.	UNKNOWN	5.57	16	JB
			78	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp.

Contract:



Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1374C

Sample wt/vol: 990.0 (g/mL) ML

Lab File ID: >G8669

Level: (low/med) LOW

Date Received: 09/28/89

27 BT
10/24/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/16/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	51	1U
83-32-9	Acenaphthene	10	1U
51-28-5	2,4-Dinitrophenol	51	1U
100-02-7	4-Nitrophenol	51	1U
132-64-9	Dibenzofuran	10	1U
121-14-2	2,4-Dinitrotoluene	10	1U
84-66-2	Diethylphthalate	10	1U
7005-72-3	4-Chlorophenyl-phenylether	10	1U
86-73-7	Fluorene	10	1U
100-01-6	4-Nitroaniline	51	1U
534-52-1	4,6-Dinitro-2-methylphenol	51	1U
86-30-6	N-Nitrosodiphenylamine (1)	10	1U
101-55-3	4-Bromophenyl-phenylether	10	1U
118-74-1	Hexachlorobenzene	10	1U
87-86-5	Pentachlorophenol	51	1U
85-01-8	Phenanthrene	10	1U
120-12-7	Anthracene	10	1U
84-74-2	Di-n-butylphthalate	10	1U
206-44-0	Fluoranthene	10	1U
129-00-0	Pyrene	10	1U
85-68-7	Butylbenzylphthalate	10	1U
91-94-1	3,3'-Dichlorobenzidine	20	1U
56-55-3	Benzo(a)anthracene	10	1U
218-01-9	Chrysene	10	1U
117-81-7	bis(2-Ethylhexyl)phthalate	10	1U
117-84-0	Di-n-octylphthalate	10	1U
205-99-2	Benzo(b)fluoranthene	10	1U
207-08-9	Benzo(k)fluoranthene	10	1U
50-32-8	Benzo(a)pyrene	10	1U
193-39-5	Indeno(1,2,3-cd)pyrene	10	1U
53-70-3	Dibenz(a,h)anthracene	10	1U
191-24-2	Benzo(g,h,i)perylene	10	1U

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(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:	Case No.:	SAS No.:	SDG No.:
Matrix: (soil/water) WATER		Lab Sample ID: CA1374C	
Sample wt/vol: 990.0 (g/mL) ML		Lab File ID: >G8669	
Level: (low/med) LOW		Date Received: 09/28/89 ²⁷ GT 10/24/89	
% Moisture: not dec. dec.		Date Extracted: 09/29/89	
Extraction: (SepF/Cont/Sonc) SEPF		Date Analyzed: 10/16/89	
GPC Cleanup: (Y/N) N	pH:	Dilution Factor: 1	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2-----	Phenol_____	10	1U
111-44-4-----	bis(2-Chloroethyl)ether_____	10	1U
95-57-8-----	2-Chlorophenol_____	10	1U
541-73-1-----	1,3-Dichlorobenzene_____	10	1U
106-46-7-----	1,4-Dichlorobenzene_____	10	1U
100-51-6-----	Benzyl alcohol_____	10	1U
95-50-1-----	1,2-Dichlorobenzene_____	10	1U
95-48-7-----	2-Methylphenol_____	10	1U
108-60-1-----	bis(2-Chloroisopropyl)ether_____	10	1U
106-44-5-----	4-Methylphenol_____	10	1U
621-64-7-----	N-Nitroso-di-n-propylamine_____	10	1U
67-72-1-----	Hexachloroethane_____	10	1U
98-95-3-----	Nitrobenzene_____	10	1U
78-59-1-----	Isophorone_____	10	1U
88-75-5-----	2-Nitrophenol_____	10	1U
105-67-9-----	2,4-Dimethylphenol_____	10	1U
65-85-0-----	Benzoic acid_____	51	1U
111-91-1-----	bis(2-Chloroethoxy)methane_____	10	1U
120-83-2-----	2,4-Dichlorophenol_____	10	1U
120-82-1-----	1,2,4-Trichlorobenzene_____	10	1U
91-20-3-----	Naphthalene_____	10	1U
106-47-8-----	4-Chloroaniline_____	10	1U
87-68-3-----	Hexachlorobutadiene_____	10	1U
59-50-7-----	4-Chloro-3-methylphenol_____	10	1U
91-57-6-----	2-Methylnaphthalene_____	10	1U
77-47-4-----	Hexachlorocyclopentadiene_____	10	1U
88-06-2-----	2,4,6-Trichlorophenol_____	10	1U
95-95-4-----	2,4,5-Trichlorophenol_____	51	1U
91-58-7-----	2-Chloronaphthalene_____	10	1U
88-74-4-----	2-Nitroaniline_____	51	1U
131-11-3-----	Dimethylphthalate_____	10	1U
208-96-8-----	Acenaphthylene_____	10	1U
606-20-2-----	2,6-Dinitrotoluene_____	10	1U

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1375C

Sample wt/vol: 940.0 (g/mL) ML

Lab File ID: >G8680

Level: (low/med) LOW

Date Received: 09/28/89 ²⁷

OT 10/24/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/17/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	11	IU
111-44-4	bis(2-Chloroethyl)ether	11	IU
95-57-8	2-Chlorophenol	11	IU
541-73-1	1,3-Dichlorobenzene	11	IU
106-46-7	1,4-Dichlorobenzene	11	IU
100-51-6	Benzyl alcohol	11	IU
95-50-1	1,2-Dichlorobenzene	11	IU
95-48-7	2-Methylphenol	11	IU
108-60-1	bis(2-Chloroisopropyl)ether	11	IU
106-44-5	4-Methylphenol	11	IU
621-64-7	N-Nitroso-di-n-propylamine	11	IU
67-72-1	Hexachloroethane	11	IU
98-95-3	Nitrobenzene	11	IU
78-59-1	Isophorone	11	IU
88-75-5	2-Nitrophenol	11	IU
105-67-9	2,4-Dimethylphenol	11	IU
65-85-0	Benzoic acid	53	IU
111-91-1	bis(2-Chloroethoxy)methane	11	IU
120-83-2	2,4-Dichlorophenol	11	IU
120-82-1	1,2,4-Trichlorobenzene	11	IU
91-20-3	Naphthalene	11	IU
106-47-8	4-Chloroaniline	11	IU
87-68-3	Hexachlorobutadiene	11	IU
59-50-7	4-Chloro-3-methylphenol	11	IU
91-57-6	2-Methylnaphthalene	11	IU
77-47-4	Hexachlorocyclopentadiene	11	IU
88-06-2	2,4,6-Trichlorophenol	11	IU
95-95-4	2,4,5-Trichlorophenol	53	IU
91-58-7	2-Chloronaphthalene	11	IU
88-74-4	2-Nitroaniline	53	IU
131-11-3	Dimethylphthalate	11	IU
208-96-8	Acenaphthylene	11	IU
606-20-2	2,6-Dinitrotoluene	11	IU

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.



Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1375C

Sample wt/vol: 940.0 (g/mL) ML

Lab File ID: >G8680

Level: (low/med) LOW

Date Received: 09/28/89

GT
10/24/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/17/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	53	U
83-32-9	Acenaphthene	11	U
51-28-5	2,4-Dinitrophenol	53	U
100-02-7	4-Nitrophenol	53	U
132-64-9	Dibenzofuran	11	U
121-14-2	2,4-Dinitrotoluene	11	U
84-66-2	Diethylphthalate	11	U
7005-72-3	4-Chlorophenyl-phenylether	11	U
86-73-7	Fluorene	11	U
100-01-6	4-Nitroaniline	53	U
534-52-1	4,6-Dinitro-2-methylphenol	53	U
86-30-6	N-Nitrosodiphenylamine (1)	11	U
101-55-3	4-Bromophenyl-phenylether	11	U
118-74-1	Hexachlorobenzene	11	U
87-86-5	Pentachlorophenol	53	U
85-01-8	Phenanthrene	11	U
120-12-7	Anthracene	11	U
84-74-2	Di-n-butylphthalate	11	U
206-44-0	Fluoranthene	11	U
129-00-0	Pyrene	11	U
85-68-7	Butylbenzylphthalate	11	U
91-94-1	3,3'-Dichlorobenzidine	21	U
56-55-3	Benzo(a)anthracene	11	U
218-01-9	Chrysene	11	U
117-81-7	bis(2-Ethylhexyl)phthalate	11	U
117-84-0	Di-n-octylphthalate	11	U
205-99-2	Benzo(b)fluoranthene	11	U
207-08-9	Benzo(k)fluoranthene	11	U
50-32-8	Benzo(a)pyrene	11	U
193-39-5	Indeno(1,2,3-cd)pyrene	11	U
53-70-3	Dibenz(a,h)anthracene	11	U
191-24-2	Benzo(g,h,i)perylene	11	U

(1) - Cannot be separated from Diphenylamine

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp. Contract: _____

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: CA1376C

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: >G8681

Level: (low/med) LOW Date Received: 09/28/89

% Moisture: not dec. dec. Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/17/89

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	11	IU
111-44-4	bis(2-Chloroethyl)ether	11	IU
95-57-8	2-Chlorophenol	11	IU
541-73-1	1,3-Dichlorobenzene	11	IU
106-46-7	1,4-Dichlorobenzene	11	IU
100-51-6	Benzyl alcohol	11	IU
95-50-1	1,2-Dichlorobenzene	11	IU
95-48-7	2-Methylphenol	11	IU
108-60-1	bis(2-Chloroisopropyl)ether	11	IU
106-44-5	4-Methylphenol	11	IU
621-64-7	N-Nitroso-di-n-propylamine	11	IU
67-72-1	Hexachloroethane	11	IU
98-95-3	Nitrobenzene	11	IU
78-59-1	Isophorone	11	IU
88-75-5	2-Nitrophenol	11	IU
105-67-9	2,4-Dimethylphenol	11	IU
65-85-0	Benzoic acid	53	IU
111-91-1	bis(2-Chloroethoxy)methane	11	IU
120-83-2	2,4-Dichlorophenol	11	IU
120-82-1	1,2,4-Trichlorobenzene	11	IU
91-20-3	Naphthalene	11	IU
106-47-8	4-Chloroaniline	11	IU
87-68-3	Hexachlorobutadiene	11	IU
59-50-7	4-Chloro-3-methylphenol	11	IU
91-57-6	2-Methylnaphthalene	11	IU
77-47-4	Hexachlorocyclopentadiene	11	IU
88-06-2	2,4,6-Trichlorophenol	11	IU
95-95-4	2,4,5-Trichlorophenol	53	IU
91-58-7	2-Chloronaphthalene	11	IU
88-74-4	2-Nitroaniline	53	IU
131-11-3	Dimethylphthalate	11	IU
208-96-8	Acenaphthylene	11	IU
606-20-2	2,6-Dinitrotoluene	11	IU

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1376C

Sample wt/vol: 940.0 (g/mL) ML

Lab File ID: >G8681

Level: (low/med) LOW

Date Received: 09/28/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/17/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2-----	3-Nitroaniline_____	53	1U
83-32-9-----	Acenephtene_____	11	1U
51-28-5-----	2,4-Dinitrophenol_____	53	1U
100-02-7-----	4-Nitrophenol_____	53	1U
132-64-9-----	Dibenzofuran_____	11	1U
121-14-2-----	2,4-Dinitrotoluene_____	11	1U
84-66-2-----	Diethylphthalate_____	11	1U
7005-72-3-----	4-Chlorophenyl-phenylether____	11	1U
86-73-7-----	Fluorene_____	11	1U
100-01-6-----	4-Nitroaniline_____	53	1U
534-52-1-----	4,6-Dinitro-2-methylphenol____	53	1U
86-30-6-----	N-Nitrosodiphenylamine (1)____	11	1U
101-55-3-----	4-Bromophenyl-phenylether____	11	1U
118-74-1-----	Hexachlorobenzene_____	11	1U
87-86-5-----	Pentachlorophenol_____	53	1U
85-01-8-----	Phenanthrene_____	11	1U
120-12-7-----	Anthracene_____	11	1U
84-74-2-----	Di-n-butylphthalate_____	11	1U
206-44-0-----	Fluoranthene_____	11	1U
129-00-0-----	Pyrene_____	11	1U
85-68-7-----	Butylbenzylphthalate_____	11	1U
91-94-1-----	3,3'-Dichlorobenzidine_____	21	1U
56-55-3-----	Benzo(a)anthracene_____	11	1U
218-01-9-----	Chrysene_____	11	1U
117-81-7-----	bis(2-Ethylhexyl)phthalate____	11	1U
117-84-0-----	Di-n-octylphthalate_____	11	1U
205-99-2-----	Benzo(b)fluoranthene_____	11	1U
207-08-9-----	Benzo(k)fluoranthene_____	11	1U
50-32-8-----	Benzo(a)pyrene_____	11	1U
193-39-5-----	Indeno(1,2,3-cd)pyrene_____	11	1U
53-70-3-----	Dibenz(a,h)anthracene_____	11	1U
191-24-2-----	Benzo(g,h,i)perylene_____	11	1U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name:ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water)WATER

Lab Sample ID: CA1376C

Sample wt/vol: 940.0 (g/mL)ML

Lab File ID: >G8681

Level: (low/med) LOW

Date Received: 09/28/89

‡ Moisture: not dec. _____ dec. _____

Date Extracted:09/29/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/17/89

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

Dilution Factor: | _____

Number TICs found: 12

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 141-78-6	Acetic acid, ethyl ester	3.80	680	JB
02.	UNKNOWN	5.17	81	JB
03.	UNKNOWN	27.74	160	J
04. 96-19-5	1-Propene, 1,2,3-trichloro-	6.27	76	JB
05.	UNKNOWN	28.39	30	J
06. 873-94-9	Cyclohexanone, 3,3,5-trimeth	10.05	13	J
07.	UNKNOWN	14.45	13	J
08. 934-34-9	2(3H)-Benzothiazolone (9CI)	21.28	12	J
09. 598-02-7	Phosphoric acid, diethyl est	12.21	11	J
10. 20324-32-7	2-Propanol, 1-(2-methoxy-1-m	9.44	11	J
11.	UNKNOWN	5.43	9	JB
12. 108-88-3	Benzene, methyl- (9CI)	3.01	9	JB

FORM I JV-TIC

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18
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp. Contract: _____

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: CA1377C

Sample wt/vol: 950.0 (g/mL) ML Lab File ID: >G8682

Level: (low/med) LOW Date Received: 09/28/89

% Moisture: not dec. dec. Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/17/89

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	11	IU
111-44-4	bis(2-Chloroethyl)ether	11	IU
95-57-8	2-Chlorophenol	11	IU
541-73-1	1,3-Dichlorobenzene	11	IU
106-46-7	1,4-Dichlorobenzene	11	IU
100-51-6	Benzyl alcohol	11	IU
95-50-1	1,2-Dichlorobenzene	11	IU
95-48-7	2-Methylphenol	11	IU
108-60-1	bis(2-Chloroisopropyl)ether	11	IU
106-44-5	4-Methylphenol	11	IU
621-64-7	N-Nitroso-di-n-propylamine	11	IU
67-72-1	Hexachloroethane	11	IU
98-95-3	Nitrobenzene	11	IU
78-59-1	Isophorone	11	IU
88-75-5	2-Nitrophenol	11	IU
105-67-9	2,4-Dimethylphenol	11	IU
65-85-0	Benzoic acid	53	IU
111-91-1	bis(2-Chloroethoxy)methane	11	IU
120-83-2	2,4-Dichlorophenol	11	IU
120-82-1	1,2,4-Trichlorobenzene	11	IU
91-20-3	Naphthalene	11	IU
106-47-8	4-Chloroaniline	11	IU
87-68-3	Hexachlorobutadiene	11	IU
59-50-7	4-Chloro-3-methylphenol	11	IU
91-57-6	2-Methylnaphthalene	11	IU
77-47-4	Hexachlorocyclopentadiene	11	IU
88-06-2	2,4,6-Trichlorophenol	11	IU
95-95-4	2,4,5-Trichlorophenol	53	IU
91-58-7	2-Chloronaphthalene	11	IU
88-74-4	2-Nitroaniline	53	IU
131-11-3	Dimethylphthalate	11	IU
208-96-8	Acenaphthylene	11	IU
606-20-2	2,6-Dinitrotoluene	11	IU

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

[Empty box for Sample No.]

Lab Name: ETC Corp. Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: CA1377C

Sample wt/vol: 950.0 (g/mL) ML Lab File ID: >G8682

Level: (low/med) LOW Date Received: 09/28/89

% Moisture: not dec. dec. Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/17/89

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	53	IU
83-32-9	Acenaphthene	11	IU
51-28-5	2,4-Dinitrophenol	53	IU
100-02-7	4-Nitrophenol	53	IU
132-64-9	Dibenzofuran	11	IU
121-14-2	2,4-Dinitrotoluene	11	IU
84-66-2	Diethylphthalate	11	IU
7005-72-3	4-Chlorophenyl-phenylether	11	IU
86-73-7	Fluorene	11	IU
100-01-6	4-Nitroaniline	53	IU
534-52-1	4,6-Dinitro-2-methylphenol	53	IU
86-30-6	N-Nitrosodiphenylamine (1)	11	IU
101-55-3	4-Bromophenyl-phenylether	11	IU
118-74-1	Hexachlorobenzene	11	IU
87-86-5	Pentachlorophenol	53	IU
85-01-8	Phenanthrene	11	IU
120-12-7	Anthracene	11	IU
84-74-2	Di-n-butylphthalate	11	IU
206-44-0	Fluoranthene	11	IU
129-00-0	Pyrene	11	IU
85-68-7	Butylbenzylphthalate	11	IU
91-94-1	3,3'-Dichlorobenzidine	21	IU
56-55-3	Benzo(a)anthracene	11	IU
218-01-9	Chrysene	11	IU
117-81-7	bis(2-Ethylhexyl)phthalate	11	IU
117-84-0	Di-n-octylphthalate	11	IU
205-99-2	Benzo(b)fluoranthene	11	IU
207-08-9	Benzo(k)fluoranthene	11	IU
50-32-8	Benzo(a)pyrene	11	IU
193-39-5	Indeno(1,2,3-cd)pyrene	11	IU
53-70-3	Dibenz(a,h)anthracene	11	IU
191-24-2	Benzo(g,h,i)perylene	11	IU

89

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp. Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Matrix: (soil/water) WATER Lab Sample ID: CA1378C
 Sample wt/vol: 960.0 (g/mL) ML Lab File ID: >G8683
 Level: (low/med) LOW Date Received: 09/28/89
 % Moisture: not dec. dec. Date Extracted: 09/29/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/17/89
 GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	IU
111-44-4	bis(2-Chloroethyl)ether	10	IU
95-57-8	2-Chlorophenol	10	IU
541-73-1	1,3-Dichlorobenzene	10	IU
106-46-7	1,4-Dichlorobenzene	10	IU
100-51-6	Benzyl alcohol	10	IU
95-50-1	1,2-Dichlorobenzene	10	IU
95-48-7	2-Methylphenol	10	IU
108-60-1	bis(2-Chloroisopropyl)ether	10	IU
106-44-5	4-Methylphenol	10	IU
621-64-7	N-Nitroso-di-n-propylamine	10	IU
67-72-1	Hexachloroethane	10	IU
98-95-3	Nitrobenzene	10	IU
78-59-1	Isophorone	10	IU
88-75-5	2-Nitrophenol	10	IU
105-67-9	2,4-Dimethylphenol	10	IU
65-85-0	Benzoic acid	52	IU
111-91-1	bis(2-Chloroethoxy)methane	10	IU
120-83-2	2,4-Dichlorophenol	10	IU
120-82-1	1,2,4-Trichlorobenzene	10	IU
91-20-3	Naphthalene	10	IU
106-47-8	4-Chloroaniline	10	IU
87-68-3	Hexachlorobutadiene	10	IU
59-50-7	4-Chloro-3-methylphenol	10	IU
91-57-6	2-Methylnaphthalene	10	IU
77-47-4	Hexachlorocyclopentadiene	10	IU
88-06-2	2,4,6-Trichlorophenol	10	IU
95-95-4	2,4,5-Trichlorophenol	52	IU
91-58-7	2-Chloronaphthalene	10	IU
88-74-4	2-Nitroaniline	52	IU
131-11-3	Dimethylphthalate	10	IU
208-96-8	Acenaphthylene	10	IU
606-20-2	2,6-Dinitrotoluene	10	IU

91

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.



Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1378C

Sample wt/vol: 960.0 (g/mL) ML

Lab File ID: >G8683

Level: (low/med) LOW

Date Received: 09/28/89

% Moisture: not dec. _____ dec. _____

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/17/89

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

Dilution Factor: 1

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

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 141-78-6	Acetic acid, ethyl ester	3.70	430	JB
02.	UNKNOWN	5.19	110	JB
03. 96-19-5	1-Propene, 1,2,3-trichloro	11.07	97	JB
04. 96-19-5	1-Propene, 1,2,3-trichloro-	7.81	19	JB
05. 29943-42-8	4H-Pyran-4-one, tetrahydro-	6.04	13	JB
06. 108-88-3	Benzene, methyl- (9CI)	3.01	9	JB

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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: CA1382C

Sample wt/vol: 940.0 (g/mL) ML Lab File ID: >G8684

Level: (low/med) LDW Date Received: 09/28/89

% Moisture: not dec. dec. Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/17/89

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	11	IU
111-44-4	bis(2-Chloroethyl)ether	11	IU
95-57-8	2-Chlorophenol	11	IU
541-73-1	1,3-Dichlorobenzene	11	IU
106-46-7	1,4-Dichlorobenzene	11	IU
100-51-6	Benzyl alcohol	11	IU
95-50-1	1,2-Dichlorobenzene	11	IU
95-48-7	2-Methylphenol	11	IU
108-60-1	bis(2-Chloroisopropyl)ether	11	IU
106-44-5	4-Methylphenol	11	IU
621-64-7	N-Nitroso-di-n-propylamine	11	IU
67-72-1	Hexachloroethane	11	IU
98-95-3	Nitrobenzene	11	IU
78-59-1	Isophorone	11	IU
88-75-5	2-Nitrophenol	11	IU
105-67-9	2,4-Dimethylphenol	11	IU
65-85-0	Benzoic acid	53	IU
111-91-1	bis(2-Chloroethoxy)methane	11	IU
120-83-2	2,4-Dichlorophenol	11	IU
120-82-1	1,2,4-Trichlorobenzene	11	IU
91-20-3	Naphthalene	11	IU
106-47-8	4-Chloroaniline	11	IU
87-68-3	Hexachlorobutadiene	11	IU
59-50-7	4-Chloro-3-methylphenol	11	IU
91-57-6	2-Methylnaphthalene	11	IU
77-47-4	Hexachlorocyclopentadiene	11	IU
88-06-2	2,4,6-Trichlorophenol	11	IU
95-95-4	2,4,5-Trichlorophenol	53	IU
91-58-7	2-Chloronaphthalene	11	IU
88-74-4	2-Nitroaniline	53	IU
131-11-3	Dimethylphthalate	11	IU
208-96-8	Acenaphthylene	11	IU
606-20-2	2,6-Dinitrotoluene	11	IU

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1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp. Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Matrix: (soil/water) WATER Lab Sample ID: CA1382C
 Sample wt/vol: 940.0 (g/mL) ML Lab File ID: >G8684
 Level: (low/med) LOW Date Received: 09/28/89
 % Moisture: not dec. dec. Date Extracted: 09/29/89
 Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/17/89
 GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	53	IU
83-32-9	Acenaphthene	11	IU
51-28-5	2,4-Dinitrophenol	53	IU
100-02-7	4-Nitrophenol	53	IU
132-64-9	Dibenzofuran	11	IU
121-14-2	2,4-Dinitrotoluene	11	IU
84-66-2	Diethylphthalate	11	IU
7005-72-3	4-Chlorophenyl-phenylether	11	IU
86-73-7	Fluorene	11	IU
100-01-6	4-Nitroaniline	53	IU
534-52-1	4,6-Dinitro-2-methylphenol	53	IU
86-30-6	N-Nitrosodiphenylamine (1)	11	IU
101-55-3	4-Bromophenyl-phenylether	11	IU
118-74-1	Hexachlorobenzene	11	IU
87-86-5	Pentachlorophenol	53	IU
85-01-8	Phenanthrene	11	IU
120-12-7	Anthracene	11	IU
84-74-2	Di-n-butylphthalate	11	IU
206-44-0	Fluoranthene	11	IU
129-00-0	Pyrene	11	IU
85-68-7	Butylbenzylphthalate	11	IU
91-94-1	3,3'-Dichlorobenzidine	21	IU
56-55-3	Benzo(a)anthracene	11	IU
218-01-9	Chrysene	11	IU
117-81-7	bis(2-Ethylhexyl)phthalate	11	IU
117-84-0	Di-n-octylphthalate	11	IU
205-99-2	Benzo(b)fluoranthene	11	IU
207-08-9	Benzo(k)fluoranthene	11	IU
50-32-8	Benzo(a)pyrene	11	IU
193-39-5	Indeno(1,2,3-cd)pyrene	11	IU
53-70-3	Dibenz(a,h)anthracene	11	IU
191-24-2	Benzo(g,h,i)perylene	11	IU

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) SOIL Lab Sample ID: CA2013C
 Sample wt/Vol: 24.9 (g/mL) G Lab File ID: >G9037
 Level: (low/med) LOW Date Received: 09/23/89
 % Moisture: not dec. 7 dec. Date Extracted: 10/04/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89
 GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	800	IU
111-44-4	bis(2-Chloroethyl)ether	800	IU
95-57-8	2-Chlorophenol	800	IU
541-73-1	1,3-Dichlorobenzene	800	IU
106-46-7	1,4-Dichlorobenzene	800	IU
100-51-6	Benzyl alcohol	800	IU
95-50-1	1,2-Dichlorobenzene	800	IU
95-48-7	2-Methylphenol	800	IU
108-60-1	bis(2-Chloroisopropyl)ether	800	IU
106-44-5	4-Methylphenol	800	IU
621-64-7	N-Nitroso-di-n-propylamine	800	IU
67-72-1	Hexachloroethane	800	IU
98-95-3	Nitrobenzene	800	IU
78-59-1	Isophorone	800	IU
88-75-5	2-Nitrophenol	800	IU
105-67-9	2,4-Dimethylphenol	800	IU
65-85-0	Benzoic acid	4000	IU
111-91-1	bis(2-Chloroethoxy)methane	800	IU
120-83-2	2,4-Dichlorophenol	800	IU
120-82-5	1,2,4-Trichlorobenzene	800	IU
91-20-3	Naphthalene	800	IU
106-47-3	4-Chloroaniline	800	IU
87-68-3	Hexachlorobutadiene	800	IU
59-50-7	4-Chloro-3-methylphenol	800	IU
91-57-6	2-Methylnaphthalene	800	IU
77-47-4	Hexachlorocyclopentadiene	800	IU
88-06-2	2,4,6-Trichlorophenol	800	IU
95-95-4	2,4,5-Trichlorophenol	4000	IU
91-58-7	2-Chloronaphthalene	800	IU
88-74-4	2-Nitroaniline	4000	IU
131-11-3	Dimethylphthalate	800	IU
208-96-8	Acenaphthylene	800	IU
606-20-2	2,6-Dinitrotoluene	800	IU

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/_____) SOIL Lab Sample ID: CA2013C

Sample wt/vol: 24.9 (g/mL) G Lab File ID: >G9037

Level: (low/med) LOW Date Received: 09/23/89

% Moisture: not dec. 17 dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4000	IU
83-32-9	Acenaphthene	800	IU
51-28-5	2,4-Dinitrophenol	4000	IU
100-02-7	4-Nitrophenol	4000	IU
132-64-9	Dibenzofuran	800	IU
121-14-2	2,4-Dinitrotoluene	800	IU
84-66-2	Diethylphthalate	800	IU
7005-72-3	4-Chlorophenyl-phenylether	800	IU
86-73-7	Fluorene	800	IU
100-01-6	4-Nitroaniline	4000	IU
534-52-1	4,6-Dinitro-2-methylphenol	4000	IU
86-30-6	N-Nitrosodiphenylamine (1)	800	IU
101-55-3	4-Bromophenyl-phenylether	800	IU
118-74-1	Hexachlorobenzene	800	IU
87-86-5	Pentachlorophenol	4000	IU
85-01-8	Phenanthrene	800	IU
120-12-7	Anthracene	800	IU
84-74-2	Di-n-butylphthalate	800	IU
206-44-0	Fluoranthene	800	IU
129-00-0	Pyrene	800	IU
85-68-7	Butylbenzylphthalate	800	IU
91-94-7	3,3'-Dichlorobenzidine	1600	IU
56-55-5	Benzo(a)anthracene	800	IU
218-01-7	Chrysene	800	IU
117-81-7	bis(2-Ethylhexyl)phthalate	800	IU
117-84-0	Di-n-octylphthalate	800	IU
205-99-2	Benzo(b)fluoranthene	800	IU
207-08-9	Benzo(k)fluoranthene	800	IU
50-32-8	Benzo(a)pyrene	800	IU
193-39-5	Indeno(1,2,3-cd)pyrene	800	IU
53-70-3	Dibenz(a,h)anthracene	800	IU
191-24-2	Benzo(g,h,i)perylene	800	IU

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. _____

Lab Name: ETC

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: CA2013C

Sample wt/vol: 24.9 (g/mL)G

Lab File ID: >G9037

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 17 dec. _____

Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/14/89

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

Dilution Factor: 1

Number TICs found: 4

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 4337-65-9	HEXANEDIOIC ACID, MONO(2-ETH	31.54	12000	JB
02.	UNKNOWN	6.47	2600	JB
03. 022-36-6	1H-imidazole, 4-methyl-	12.35	2500	JB
0403	Alkane	6.17	340	JB
04. 109101	2- Octanone , 4-methyl-	3.87	410	JB

ST
11/21/89

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: CA1365G

Sample wt/vol: ~~25.0~~ 30 ^{11/29/89} (g/mL) G

Lab File ID: >HA510

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 17 dec.

Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: 6

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
319-64-6	alpha-BHC	9.600	19	U
319-65-7	beta-BHC	9.600		U
319-86-8	delta-BHC	9.600		U
58-89-9	gamma-BHC(Lindane)	9.600		U
76-44-8	Heptachlor	9.600		U
309-00-2	Aldrin	9.600		U
1024-57-3	Heptachlor epoxide	9.600		U
959-98-8	Endosulfan I	9.600		U
60-57-1	Dieldrin	19	38	U
72-55-9	4,4'-DDE	19		U
72-20-8	Endrin	19		U
33213-65-9	Endosulfan II	19		U
72-54-8	4,4'-DDD	19		U
1031-07-8	Endosulfan sulfate	19		U
50-29-3	4,4'-DDT	19		U
72-43-5	Methoxychlor	96	190	U
53494-70-5	Endrin ketone	19	38	U
5103-71-9	alpha-Chlordane	9.600	190	U
5103-74-2	gamma-Chlordane	9.600	190	U
8001-35-2	Toxaphene	380		U
12674-11-2	Aroclor-1016	96	190	U
11104-28-2	Aroclor-1221	96		U
11141-16-5	Aroclor-1232	96		U
53469-21-9	Aroclor-1242	96		U
12672-29-6	Aroclor-1248	96		U
11097-69-1	Aroclor-1254	190	380	U
11096-82-5	Aroclor-1260	190	380	U

11/29/89

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: CA1366G

Sample wt/vol: ~~24.8~~ ³⁰ (g/mL) G
12/9/89

Lab File ID: >HA511

Level: (low/med) LOW

Date Received: 09/23/89

% Moisture: not dec. 20 dec.

Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: 6

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-64-6	alpha-BHC	10	U
319-65-7	beta-BHC	10	U
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC(Lindane)	10	U
76-44-8	Heptachlor	10	U
309-00-2	Aldrin	10	U
1024-57-3	Heptachlor epoxide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	20	U
72-55-9	4,4'-DDE	20	U
72-20-8	Endrin	20	U
33213-65-9	Endosulfan II	20	U
72-54-8	4,4'-DDD	20	U
1031-07-8	Endosulfan sulfate	20	U
50-29-3	4,4'-DDT	20	U
72-43-5	Methoxychlor	100	U
53494-70-5	Endrin ketone	20	U
5103-71-9	alpha-Chlordane	10	U
5103-74-2	gamma-Chlordane	10	U
8001-35-2	Toxaphene	400	U
12674-11-2	Aroclor-1016	100	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	100	U
53469-21-9	Aroclor-1242	100	U
12672-29-6	Aroclor-1248	100	U
11097-69-1	Aroclor-1254	200	U
11096-82-5	Aroclor-1260	200	U

FORM I PEST

1/87 Rev.

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCN Contract:

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: CA1367G

Sample wt/vol: ~~21.7~~ ³⁰ (g/mL) G Lab File ID: >HA512

Level: (low/med) LOW ^{11/29/89} Date Received: 09/23/89

% Moisture: not dec. 27 dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: 6 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-64-6	alpha-BHC	11	1U
319-65-7	beta-BHC	11	1U
319-86-8	delta-BHC	11	1U
58-89-9	gamma-BHC(Lindane)	11	1U
76-44-8	Heptachlor	11	1U
309-00-2	Aldrin	11	1U
1024-57-3	Heptachlor epoxide	11	1U
959-98-8	Endosulfan I	11	1U
60-57-1	Dieldrin	22	1U
72-55-9	4,4'-DDE	22	1U
72-20-8	Endrin	22	1U
33213-65-9	Endosulfan II	22	1U
72-54-8	4,4'-DDD	22	1U
1031-07-8	Endosulfan sulfate	22	1U
50-29-3	4,4'-DDT	22	1U
72-43-5	Methoxychlor	110	1U
53494-70-5	Endrin ketone	22	1U
5103-71-9	alpha-Chlordane	11	1U
5103-74-2	gamma-Chlordane	11	1U
8001-35-2	Toxaphene	440	1U
12674-11-2	Aroclor-1016	110	1U
11104-28-2	Aroclor-1221	110	1U
11141-16-5	Aroclor-1232	110	1U
53469-21-9	Aroclor-1242	110	1U
12672-29-6	Aroclor-1248	110	1U
11097-69-1	Aroclor-1254	220	1U
11096-82-5	Aroclor-1260	220	1U

11/29/89

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: CA1368G

Sample wt/vol: ~~25.9~~ 30 (g/mL) G

Lab File ID: >HA504

Level: (low/med) LOW ^{11/24/89}

Date Received: 09/23/89

% Moisture: not dec. 14 dec.

Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: 5

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG		Q
319-64-6	alpha-BHC	9.300	18	IU
319-65-7	beta-BHC	9.300		IU
319-86-8	delta-BHC	9.300		IU
58-89-9	gamma-BHC(Lindane)	9.300		IU
76-44-8	Heptachlor	9.300		IU
309-00-2	Aldrin	9.300		IU
1024-57-3	Heptachlor epoxide	9.300		IU
959-98-8	Endosulfan I	9.300		IU
60-57-1	Dieldrin	19	38	IU
72-55-9	4,4'-DDE	19		IU
72-20-8	Endrin	19		IU
33213-65-9	Endosulfan II	19		IU
72-54-8	4,4'-DDD	19		IU
1031-07-8	Endosulfan sulfate	19		IU
50-29-3	4,4'-DDT	19		IU
72-43-5	Methoxychlor	93	180	IU
53494-70-5	Endrin ketone	19	38	IU
5103-71-9	alpha-Chlordane	9.300	180	IU
5103-74-2	gamma-Chlordane	9.300	180	IU
8001-35-2	Toxaphene	370		IU
12674-11-2	Aroclor-1016	95	180	IU
11104-28-2	Aroclor-1221	95		IU
11141-16-5	Aroclor-1232	95		IU
53469-21-9	Aroclor-1242	95		IU
12672-29-6	Aroclor-1248	95		IU
11097-69-1	Aroclor-1254	190	380	IU
11096-82-5	Aroclor-1260	190	380	IU

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SOG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: CA1369G

Sample wt/vol: ~~23.2~~ 30 (g/mL) G

Lab File ID: >HA507

Level: (low/med) LOW ^{11/29/89}

Date Received: 09/23/89

% Moisture: not dec. 23 dec.

Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: 7

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-64-6	alpha-BHC	10	20 IU
319-65-7	beta-BHC	10	IU
319-86-8	delta-BHC	10	IU
58-89-9	gamma-BHC(Lindane)	10	IU
76-44-8	Heptachlor	10	IU
309-00-2	Aldrin	10	IU
1024-57-3	Heptachlor epoxide	10	IU
959-98-8	Endosulfan I	10	IU
60-57-1	Dieldrin	21	40 IU
72-55-9	4,4'-DDE	21	IU
72-20-8	Endrin	21	IU
33213-65-9	Endosulfan II	21	IU
72-54-8	4,4'-DDD	21	IU
1031-07-8	Endosulfan sulfate	21	IU
50-29-3	4,4'-DDT	21	IU
72-43-5	Methoxychlor	100	200 IU
53494-70-5	Endrin ketone	21	40 IU
5103-71-9	alpha-Chlordane	10	200 IU
5103-74-2	gamma-Chlordane	10	200 IU
8001-35-2	Toxaphene	410	IU
12674-11-2	Aroclor-1016	100	200 IU
11104-28-2	Aroclor-1221	100	IU
11141-16-5	Aroclor-1232	100	IU
53469-21-9	Aroclor-1242	100	IU
12672-29-6	Aroclor-1248	100	IU
11097-69-1	Aroclor-1254	210	40-450 IU
11096-82-5	Aroclor-1260	210	400 IU

^{11/29/89}

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Matrix: (soil/water) SOIL Lab Sample ID: CA1370G
 Sample wt/vol: ~~24.0~~ 30 (g/mL) G Lab File ID: >HA509
 Level: (low/med) LOW ^{11/29/89} Date Received: 09/23/89
 % Moisture: not dec. 20 dec. Date Extracted: 10/04/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89
 GPC Cleanup: (Y/N) Y pH: 7 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
319-64-6	alpha-BHC	10	20	1U
319-65-7	beta-BHC	10		1U
319-86-8	delta-BHC	10		1U
58-89-9	gamma-BHC(Lindane)	10		1U
76-44-8	Heptachlor	10		1U
309-00-2	Aldrin	10		1U
1024-57-3	Heptachlor epoxide	10		1U
959-98-8	Endosulfan I	10		1U
60-57-1	Dieldrin	20	40	1U
72-55-9	4,4'-DDE	20		1U
72-20-8	Endrin	20		1U
33213-65-9	Endosulfan II	20		1U
72-54-8	4,4'-DDD	20		1U
1031-07-8	Endosulfan sulfate	20		1U
50-29-3	4,4'-DDT	20		1U
72-43-5	Methoxychlor	100	200	1U
53494-70-5	Endrin ketone	20	40	1U
5103-71-9	alpha-Chlordane	10	200	1U
5103-74-2	gamma-Chlordane	10	200	1U
8001-35-2	Toxaphene	400		1U
12674-11-2	Aroclor-1016	100	200	1U
11104-28-2	Aroclor-1221	100		1U
11141-16-5	Aroclor-1232	100		1U
53469-21-9	Aroclor-1242	100		1U
12672-29-6	Aroclor-1248	100		1U
11097-69-1	Aroclor-1254	200	400	1U
11096-82-5	Aroclor-1260	200	400	1U

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1371G

Sample wt/vol: 990.0 (g/mL) ML

Lab File ID: >QB840

Level: (low/med) LOW

Date Received: 09/19/89

% Moisture: not dec. dec.

Date Extracted: 09/22/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/25/89

GPC Cleanup: (Y/N) N

pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-64-6	alpha-BHC	1.051	IU
319-65-7	beta-BHC	1.051	IU
319-86-8	delta-BHC	1.051	IU
58-89-9	gamma-BHC(Lindane)	1.051	IU
76-44-8	Heptachlor	1.051	IU
309-00-2	Aldrin	1.051	IU
1024-57-3	Heptachlor epoxide	1.051	IU
959-98-8	Endosulfan I	1.051	IU
60-57-1	Dieldrin	1.100	IU
72-55-9	4,4'-DDE	1.100	IU
72-20-8	Endrin	1.100	IU
33213-65-9	Endosulfan II	1.100	IU
72-54-8	4,4'-DDD	1.100	IU
1031-07-8	Endosulfan sulfate	1.100	IU
50-29-3	4,4'-DDT	1.100	IU
72-43-5	Methoxychlor	1.510	IU
53494-70-5	Endrin ketone	1.100	IU
5103-71-9	alpha-Chlordane	1.510	IU
5103-74-2	gamma-Chlordane	1.510	IU
8001-35-2	Toxaphene	2	IU
12674-11-2	Aroclor-1016	1.510	IU
11104-28-2	Aroclor-1221	1.510	IU
11141-16-5	Aroclor-1232	1.510	IU
53469-21-9	Aroclor-1242	1.510	IU
12672-29-6	Aroclor-1248	1.510	IU
11097-69-1	Aroclor-1254	1	IU
11096-82-5	Aroclor-1260	1	IU

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1372G

Sample wt/vol: 990.0 (g/mL) ML

Lab File ID: >HA238

Level: (low/med) LOW

Date Received: 09/26/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/27/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q -
319-64-6	alpha-BHC	.051	IU
319-65-7	beta-BHC	.051	IU
319-86-8	delta-BHC	.051	IU
58-89-9	gamma-BHC(Lindane)	.051	IU
76-44-8	Heptachlor	.051	IU
309-00-2	Aldrin	.051	IU
1024-57-3	Heptachlor epoxide	.051	IU
959-98-8	Endosulfan I	.051	IU
60-57-1	Dieldrin	.100	IU
72-55-9	4,4'-DDE	.100	IU
72-20-8	Endrin	.100	IU
33213-65-9	Endosulfan II	.100	IU
72-54-8	4,4'-DDD	.100	IU
1031-07-8	Endosulfan sulfate	.100	IU
50-29-3	4,4'-DDT	.100	IU
72-43-5	Methoxychlor	.510	IU
53494-70-5	Endrin ketone	.100	IU
5103-71-9	alpha-Chlordane	.510	IU
5103-74-2	gamma-Chlordane	.510	IU
8001-35-2	Toxaphene	2	IU
12674-11-2	Aroclor-1016	.510	IU
11104-28-2	Aroclor-1221	.510	IU
11141-16-5	Aroclor-1232	.510	IU
53469-21-9	Aroclor-1242	.510	IU
12672-29-6	Aroclor-1248	.510	IU
11097-69-1	Aroclor-1254	1	IU
11096-82-5	Aroclor-1260	1	IU

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1373G

Sample wt/vol: 940.0 (g/mL) ML

Lab File ID: >HA239

Level: (low/med) LOW

Date Received: 09/27/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/27/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q -
319-64-6	alpha-BHC	.053	IU
319-65-7	beta-BHC	.053	IU
319-86-8	delta-BHC	.053	IU
58-89-9	gamma-BHC(Lindane)	.053	IU
76-44-8	Heptachlor	.053	IU
309-00-2	Aldrin	.053	IU
1024-57-3	Heptachlor epoxide	.053	IU
959-98-8	Endosulfan I	.053	IU
60-57-1	Dieldrin	.110	IU
72-55-9	4,4'-DDE	.110	IU
72-20-8	Endrin	.110	IU
33213-65-9	Endosulfan II	.110	IU
72-54-8	4,4'-DDD	.110	IU
1031-07-8	Endosulfan sulfate	.110	IU
50-29-3	4,4'-DDT	.110	IU
72-43-5	Methoxychlor	.530	IU
53494-70-5	Endrin ketone	.110	IU
5103-71-9	alpha-Chlordane	.530	IU
5103-74-2	gamma-Chlordane	.530	IU
8001-35-2	Toxaphene	12.100	IU
12674-11-2	Aroclor-1016	.530	IU
11104-28-2	Aroclor-1221	.530	IU
11141-16-5	Aroclor-1232	.530	IU
53469-21-9	Aroclor-1242	.530	IU
12672-29-6	Aroclor-1248	.530	IU
11097-69-1	Aroclor-1254	11.100	IU
11096-82-5	Aroclor-1260	11.100	IU

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

[Empty box for EPA Sample No.]

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Matrix: (soil/water) WATER Lab Sample ID: CA1374G
 Sample wt/vol: 980.0 (g/mL) ML Lab File ID: >HA240
 Level: (low/med) LDW Date Received: 09/27/89
 % Moisture: not dec. dec. Date Extracted: 09/29/89
 Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/89
 GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
319-64-6	alpha-BHC	.051	1U
319-65-7	beta-BHC	.051	1U
319-86-8	delta-BHC	.051	1U
58-89-9	gamma-BHC(Lindane)	.051	1U
76-44-8	Heptachlor	.051	1U
309-00-2	Aldrin	.051	1U
1024-57-3	Heptachlor epoxide	.051	1U
959-98-8	Endosulfan I	.051	1U
60-57-1	Dieldrin	.100	1U
72-55-9	4,4'-DDE	.100	1U
72-20-8	Endrin	.100	1U
33213-65-9	Endosulfan II	.100	1U
72-54-8	4,4'-DDD	.100	1U
1031-07-8	Endosulfan sulfate	.100	1U
50-29-3	4,4'-DDT	.100	1U
72-43-5	Methoxychlor	.510	1U
53494-70-5	Endrin ketone	.100	1U
5103-71-9	alpha-Chlordane	.510	1U
5103-74-2	gamma-Chlordane	.510	1U
8001-35-2	Toxaphene	2	1U
12674-11-2	Aroclor-1016	.510	1U
11104-28-2	Aroclor-1221	.510	1U
11141-16-5	Aroclor-1232	.510	1U
53469-21-9	Aroclor-1242	.510	1U
12672-29-6	Aroclor-1248	.510	1U
11097-69-1	Aroclor-1254	1	1U
11096-82-5	Aroclor-1260	1	1U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1375G

Sample wt/vol: 940.0 (g/mL) ML

Lab File ID: >HA241

Level: (low/med) LOW

Date Received: 09/27/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/27/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q -
319-64-6	alpha-BHC	.053	IU
319-65-7	beta-BHC	.053	IU
319-86-8	delta-BHC	.053	IU
58-89-9	gamma-BHC(Lindene)	.053	IU
76-44-8	Heptachlor	.053	IU
309-00-2	Aldrin	.053	IU
1024-57-3	Heptachlor epoxide	.053	IU
959-98-8	Endosulfan I	.053	IU
60-57-1	Dieldrin	.110	IU
72-55-9	4,4'-DDE	.110	IU
72-20-8	Endrin	.110	IU
33213-65-9	Endosulfan II	.110	IU
72-54-8	4,4'-DDD	.110	IU
1031-07-8	Endosulfan sulfate	.110	IU
50-29-3	4,4'-DDT	.110	IU
72-43-5	Methoxychlor	.530	IU
53494-70-5	Endrin ketone	.110	IU
5103-71-9	alpha-Chlordane	.530	IU
5103-74-2	gamma-Chlordane	.530	IU
8001-35-2	Toxaphene	2.100	IU
12674-11-2	Aroclor-1016	.530	IU
11104-28-2	Aroclor-1221	.530	IU
11141-16-5	Aroclor-1232	.530	IU
53469-21-9	Aroclor-1242	.530	IU
12672-29-6	Aroclor-1248	.530	IU
11097-69-1	Aroclor-1254	1.100	IU
11096-82-5	Aroclor-1260	1.100	IU

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1376G

Sample wt/vol: 980.0 (g/mL) ML

Lab File ID: >HA242

Level: (low/med) LOW

Date Received: 09/28/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/27/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g -
319-64-6	alpha-BHC	.051	IU
319-65-7	beta-BHC	.051	IU
319-86-8	delta-BHC	.051	IU
58-89-9	gamma-BHC(Lindane)	.051	IU
76-44-8	Heptachlor	.051	IU
309-00-2	Aldrin	.051	IU
1024-57-3	Heptachlor epoxide	.051	IU
959-98-8	Endosulfan I	.051	IU
60-57-1	Dieldrin	.100	IU
72-55-9	4,4'-DDE	.100	IU
72-20-8	Endrin	.100	IU
33213-65-9	Endosulfan II	.100	IU
72-54-8	4,4'-DDD	.100	IU
1031-07-8	Endosulfan sulfate	.100	IU
50-29-3	4,4'-DDT	.100	IU
72-43-5	Methoxychlor	.510	IU
53494-70-5	Endrin ketone	.100	IU
5103-71-9	alpha-Chlordane	.510	IU
5103-74-2	gamma-Chlordane	.510	IU
8001-35-2	Toxaphene	2	IU
12674-11-2	Aroclor-1016	.510	IU
11104-28-2	Aroclor-1221	.510	IU
11141-16-5	Aroclor-1232	.510	IU
53469-21-9	Aroclor-1242	.510	IU
12672-29-6	Aroclor-1248	.510	IU
11097-69-1	Aroclor-1254	1	IU
11096-82-5	Aroclor-1260	1	IU

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ Contract: _____

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: CA1377G

Sample wt/vol: 990.0 (g/mL) ML Lab File ID: >HA244

Level: (low/med) LOW Date Received: 09/28/89

% Moisture: not dec. dec. Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) CONT Date Analyzed: 10/27/89

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q -
319-64-6	alpha-BHC	.051	IU
319-65-7	beta-BHC	.051	IU
319-86-8	delta-BHC	.051	IU
58-89-9	gamma-BHC(Lindane)	.051	IU
76-44-8	Heptachlor	.051	IU
309-00-2	Aldrin	.051	IU
1024-57-3	Heptachlor epoxide	.051	IU
959-98-8	Endosulfan I	.051	IU
60-57-1	Dieldrin	.100	IU
72-55-9	4,4'-DDE	.100	IU
72-20-8	Endrin	.100	IU
33213-65-9	Endosulfan II	.100	IU
72-54-8	4,4'-DDD	.100	IU
1031-07-8	Endosulfan sulfate	.100	IU
50-29-3	4,4'-DDT	.100	IU
72-43-5	Methoxychlor	.510	IU
53494-70-5	Endrin ketone	.100	IU
5103-71-9	alpha-Chlordane	.510	IU
5103-74-2	gamma-Chlordane	.510	IU
8001-35-2	Toxaphene	2	IU
12674-11-2	Aroclor-1016	.510	IU
11104-28-2	Aroclor-1221	.510	IU
11141-16-5	Aroclor-1232	.510	IU
53469-21-9	Aroclor-1242	.510	IU
12672-29-6	Aroclor-1248	.510	IU
11097-69-1	Aroclor-1254	1	IU
11096-82-5	Aroclor-1260	1	IU

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA1378G

Sample wt/vol: 940.0 (g/mL) ML

Lab File ID: >HA245

Level: (low/med) LOW

Date Received: 09/28/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/27/89

GPC Cleanup: (Y/N) N

pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	u -
319-64-6	alpha-BHC	.053	IU
319-65-7	beta-BHC	.053	IU
319-86-8	delta-BHC	.053	IU
58-89-9	gamma-BHC(Lindane)	.053	IU
76-44-8	Heptachlor	.053	IU
309-00-2	Aldrin	.053	IU
1024-57-3	Heptachlor epoxide	.053	IU
959-98-8	Endosulfan I	.053	IU
60-57-1	Dieldrin	.110	IU
72-55-9	4,4'-DDE	.110	IU
72-20-8	Endrin	.110	IU
33213-65-9	Endosulfan II	.110	IU
72-54-8	4,4'-DDD	.110	IU
1031-07-8	Endosulfan sulfate	.110	IU
50-29-3	4,4'-DDT	.110	IU
72-43-5	Methoxychlor	.530	IU
53494-70-5	Endrin ketone	.110	IU
5103-71-8	alpha-Chlordane	.530	IU
5103-74-2	gamma-Chlordane	.530	IU
8001-35-2	Toxaphene	2.100	IU
12674-11-2	Aroclor-1016	.530	IU
11104-28-2	Aroclor-1221	.530	IU
11141-16-5	Aroclor-1232	.530	IU
53469-21-9	Aroclor-1242	.530	IU
12672-29-6	Aroclor-1248	.530	IU
11097-69-1	Aroclor-1254	1.100	IU
11096-82-5	Aroclor-1260	1.100	IU

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ	Contract:		
Lab Code:	Case No.:	SAS No.:	SDG No.:
Matrix: (soil/water) WATER	Lab Sample ID: CA1382G		
Sample wt/vol: 980.0 (g/mL) ML	Lab File ID: >HA246		
Level: (low/med) LOW	Date Received: 09/28/89		
% Moisture: not dec. dec.	Date Extracted: 09/29/89		
Extraction: (SepF/Cont/Sonc) CONT	Date Analyzed: 10/27/89		
GPC Cleanup: (Y/N) N	pH:	Dilution Factor: 1	

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	g
319-64-6	alpha-BHC	.051	IU
319-65-7	beta-BHC	.051	IU
319-86-8	delta-BHC	.051	IU
58-89-9	gamma-BHC(Lindane)	.051	IU
76-44-8	Heptachlor	.051	IU
309-00-2	Aldrin	.051	IU
1024-57-3	Heptachlor epoxide	.051	IU
959-98-8	Endosulfan I	.051	IU
60-57-1	Dieldrin	.100	IU
72-55-9	4,4'-DDE	.100	IU
72-20-8	Endrin	.100	IU
33213-65-9	Endosulfan II	.100	IU
72-54-8	4,4'-DDD	.100	IU
1031-07-8	Endosulfan sulfate	.100	IU
50-29-3	4,4'-DDT	.100	IU
72-43-5	Methoxychlor	.510	IU
53494-70-5	Endrin ketone	.100	IU
5103-71-5	alpha-Chlordane	.510	IU
5103-74-2	gamma-Chlordane	.510	IU
8001-35-2	Toxaphene	2	IU
12674-11-2	Aroclor-1016	.510	IU
11104-28-2	Aroclor-1221	.510	IU
11141-16-5	Aroclor-1232	.510	IU
53469-21-9	Aroclor-1242	.510	IU
12672-29-6	Aroclor-1248	.510	IU
11097-69-1	Aroclor-1254	1	IU
11096-82-5	Aroclor-1260	1	IU

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCN Contract:

Lab Code: Case No.: SAS No.: SOG No.:

Matrix: (soil/water) SOIL Lab Sample ID: CA2013G

Sample wt/vol: ~~24.9~~³⁰ *ms* (g/mL) G Lab File ID: >HA513
11/29/89

Level: (low/med) LOW Date Received: 09/23/89

% Moisture: not dec. 17 dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH: 7 Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/KG	
319-64-6	alpha-BHC	19.600	19	IU
319-65-7	beta-BHC	19.600		IU
319-86-8	delta-BHC	19.600		IU
58-89-9	gamma-BHC(Lindane)	19.600		IU
76-44-8	Heptachlor	19.600		IU
309-00-2	Aldrin	19.600		IU
1024-57-3	Heptachlor epoxide	19.600		IU
959-98-8	Endosulfan I	19.600		IU
60-57-1	Dieldrin	19	38	IU
72-55-9	4,4'-DDE	19		IU
72-20-8	Endrin	19		IU
33213-65-9	Endosulfan II	19		IU
72-54-8	4,4'-DDD	19		IU
1031-07-8	Endosulfan sulfate	19		IU
50-29-3	4,4'-DDT	19		IU
72-43-5	Methoxychlor	196	190	IU
53494-70-5	Endrin ketone	19	38	IU
5103-71-9	alpha-Chlordane	19.600	190	IU
5103-74-2	gamma-Chlordane	19.600	190	IU
8001-35-2	Toxaphene	390		IU
12674-11-2	Aroclor-1016	96	190	IU
11104-28-2	Aroclor-1221	96		IU
11141-16-5	Aroclor-1232	96		IU
53469-21-9	Aroclor-1242	96		IU
12672-29-6	Aroclor-1248	96		IU
11097-69-1	Aroclor-1254	190	380	IU
11096-82-5	Aroclor-1260	190	380	IU

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: ETC Corp. ~~Laboratory~~ ^{OT 10/12/09} Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

EPA SAMPLE NO.	S1 (TOL)*	S2 (BFB)*	S3 (DCE)*	OTHER	TOT OUT
01 QC70067U	99	99	101		0
02 CA1371U	101	98	99		0
03 CA1371US	101	99	102		0
04 CA1371UR	100	99	102		0
05 CA1980U	99	98	100		0
06 CA1977U	99	98	102		0
07 QC70067U	99	100	100		0
08 CA1981U	102	97	94		0
09 CA1978U	101	99	98		0
10 CA1982U	93	106	102		0
11 CA1979U	97	101	98		0
12 CA1983U	98	102	97		0
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QC LIMITS

S1 (TOL) = Toluene-d8 (88-110)
 S2 (BFB) = Bromofluorobenzene (86-115)
 S3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

* Column to be used to flag recovery values
 * Values outside QC limits
 D Surrogates diluted out

28
SOIL VOLATILE SURROGATE RECOVERY

OT 11/9/09

Lab Name: ETC Corp. ~~† Laboratory~~

Contract:

Lab Code: Case No.:

SAS No.:

SDG No.:

Level: (LOW/MED)LOW

EPA SAMPLE NO.	S1 (TOL)‡	S2 (BFB)‡	S3 (DCE)‡	OTHER	TOT OUT
01 QC70069U 96 106 112 _____ 0					
02 CA1935U 101 111 104 _____ 0					
03 CA1937U 112 91 100 _____ 0					
04 CA1942U 104 106 100 _____ 0					
05 CA1959U 98 116 90 _____ 0					
06 CA1974U 98 109 100 _____ 0					
07 QC70069U 93 112 100 _____ 0					
08 CA1935US 117 107 83 _____ 0					
09 CA1935UR 113 100 88 _____ 0					
10 CA1941U 120 * 86 99 _____ 1					
11 CA1946U 141 * 65 * 109 _____ 2					
12 CA1947U 98 104 97 _____ 0					
13 CA1943U 105 100 102 _____ 0					
14 CA1958U 97 109 108 _____ 0					
15 CA1932U 129 * 99 91 _____ 1					
16 QC70069U 92 111 100 _____ 0					
17 CA1933U 112 91 112 _____ 0					
18 CA1934U 135 * 91 81 _____ 1					
19 CA1938U 98 98 120 _____ 0					
20 QC70069U 99 96 103 _____ 0					
21 CA1948U 142 * 93 69 * _____ 2					
22 CA1939U 136 * 77 92 _____ 1					
23 CA1955U 106 98 104 _____ 0					
24 CA1956U 127 * 87 112 _____ 1					
25 CA1957U 97 108 108 _____ 0					
26 CA1958U 121 * 89 108 _____ 1					
27 CA1959U 94 98 107 _____ 0					
28 CA1960U 102 99 100 _____ 0					
29 CA1961U 105 93 107 _____ 0					
30 CA1962U _____ _____ _____ _____ 0					

OT 11/9/09
OT 11/9/09

QC LIMITS

S1 (TOL) = Toluene-d8 (81-117)
S2 (BFB) = Bromofluorobenzene (74-121)
S3 (DCE) = 1,2-Dichloroethane-d4 (70-121)

‡ Column to be used to flag recovery values
* Values outside QC limits
D Surrogates diluted out

117

2B
SOIL VOLATILE SURROGATE RECOVERY

Lab Name: ETC Corp. ~~† Laboratory~~ *07/19/89* Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Level: (LOW/MED)LOW

EPA SAMPLE NO.	S1 (TOL)‡	S2 (BFB)‡	S3 (DCE)‡	OTHER	TOT OUT
01 CA1941U	135 *	77	111		1
02 CA1946U	143 *	78	116		1
03 CA1948U	117	92	106		0
04 CA1934U	125 *	54 *	78		2
05 CA1932U	139 *	116	80		1
06 CA1939U	140 *	79	117		1
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S1 (TOL) = Toluene-d8 (81-117)
 S2 (BFB) = Bromofluorobenzene (74-121)
 S3 (DCE) = 1,2-Dichloroethane-d4 (70-121)

‡ Column to be used to flag recovery values
 * Values outside QC limits
 D Surrogates diluted out

07/19/89

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: ETC Corp. ~~Laboratory~~ *ET 11/9/09*

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

	EPA SAMPLE NO.	S1 (TOL)*	S2 (BFB)*	S3 (DCE)*	OTHER	TOT OUT
01	QC70070U	99	100	100		0
02	QC70070U	101	99	98		0
03	QC70070U	98	99	101		0
04	CA1372U	98	97	97		0
05	CA1372US	100	99	101		0
06	CA1372UR	99	100	101		0
07	CA1373U	97	96	105		0
08	CA1374U	98	95	100		0
09	CA1376U	97	99	106		0
10	CA1375U	97	97	103		0
11	QC70070U	99	98	100		0
12	CA1377U	99	98	95		0
13	CA1382U	98	98	103		0
14	QC70070U	100	97	96		0
15	CA1378U	100	98	95		0
16	CA2068U	99	96	94		0
17	CA1379U	99	96	96		0
18	CA1380U	97	95	94		0
19	CA2069U <i>ET</i>	98	96	94		0
20	CA2070U <i>ET 11/9/09</i>	96	98	94		0
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QC LIMITS

S1 (TOL) = Toluene-d8 (88-110)
 S2 (BFB) = Bromofluorobenzene (86-115)
 S3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

* Column to be used to flag recovery values
 * Values outside QC limits
 D Surrogates diluted out

2B.
SOIL VOLATILE SURROGATE RECOVERY

Lab Name: ETC Corp Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Level: (low/med) low

	EPA SAMPLE NO.	S1 (TOL) #	S2 (BFB) #	S3 (DCE) #	OTHER	TOT OUT
01	QA70071V	91	121	82		0
02	CA1368V	113	106	94		0
03	CA1369V	114	136*	63*		2
04	CA1369V	132*	135*	57*		3
05	CA1370V	124*	117	69*		2
06	CA1370V	106	99	98*		1
07	CA2013V	100	98	102		0
08	CA2013VS	105	108	99		0
09	CA2013VR	112	101	97		0
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QC LIMITS

S1 (TOL) = Toluene-d8 (81-117)
 S2 (BFB) = Bromofluorobenzene (74-121)
 S3 (DCE) = 1,2-Dichloroethane-d4 (70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogates diluted out

20
SOIL SEMI-VOLATILE SURROGATE RECOVERY

Lab Name: ETC Contract: _____
 Lab Code: _____ SAS No.: _____ SDG No.: _____
 Level: (LOW)

EPA SAMPLE NO.	S1 (NBZ)‡	S2 (FBP)‡	S3 (TPH)‡	S4 (PHL)‡	S5 (2FP)‡	S6 (TBP)‡	OTHER	TOT OUT
01	QC70076C	48	51	92	46	40	17 *	1
02	CA1368CS	70	75	130	54	47	28	0
03	CA1368CR	79	84	122	56	56	29	0
04	CA1370C	64	71	98	54	44	15 *	1
05	CA1366C	65	73	107	56	48	22	0
06	CA1368C	77	83	117	64	62	33	0
07	CA2013C	69	65	99	57	60	41	0
08	CA1369C	73	69	107	63	61	40	0
09	CA1365C	76	76	125	65	56	33	0
10	CA1367C	73	72	124	55	49	37	0
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QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (23-120)
 S2 (FBP) = 2-Fluorobiphenyl (30-115)
 S3 (TPH) = Terphenyl-d14 (18-137)
 S4 (PHL) = Phenol-d5 (24-113)
 S5 (2FP) = 2-Fluorophenol (25-121)
 S6 (TBP) = 2,4,6-Tribromophenol (19-122)

‡ Column to be used to flag recovery values
 * Values outside QC limits
 D Surrogates diluted out

121

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

	EPA SAMPLE NO.	S1 (NBZ)*	S2 (FBP)*	S3 (TPH)*	S4 (PHL)*	S5 (2FP)*	S6 (TBP)*	OTHER	TOT OUT
01	QC70080C	93	84	121	29	63	106		0
02	CA1371CS	92	82	111	30	33	51		0
03	CA1371CR	90	77	118	29	35	41		0
04	CA1371C	89	74	122	35	47	47		0
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QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (35-114)
 S2 (FBP) = 2-Fluorobiphenyl (43-116)
 S3 (TPH) = Terphenyl-d14 (33-141)
 S4 (PHL) = Phenol-d5 (10- 94)
 S5 (2FP) = 2-Fluorophenol (21-100)
 S6 (TBP) = 2,4,6-Tribromophenol (10-123)

* Column to be used to flag recovery values
 * Values outside QC limits
 D Surrogates diluted out

2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	OTHER	TOT OUT
01	QC70084C	88	73	129	99 *	95	110		1
02	CA1858C	71	65	91	79	80	91		0
03	CA1858CS	85	72	108	77	71	91		0
04	CA1858CR	85	77	113	88	84	103		0
05	CA1372C	73	69	103	43	42	55		0
06	CA1373C	73	58	107	87	114 *	93		1
07	CA1374C	89	65	115	40	38	25		0
08	CA1375C	91	76	119	94	86	92		0
09	CA1376C	95	83	104	63	55	43		0
10	CA1377C	100	89	119	10 *	7 *	13		2
11	CA1378C	89	74	94	96 *	95	89		1
12	CA1382C	96	81	102	95 *	87	88		1
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OT 10/25/04

QC LIMITS

S1 (NBZ) = Nitrobenzene-d5 (35-114)
 S2 (FBP) = 2-Fluorobiphenyl (43-116)
 S3 (TPH) = Terphenyl-d14 (33-141)
 S4 (PHL) = Phenol-d5 (10- 94)
 S5 (2FP) = 2-Fluorophenol (21-100)
 S6 (TBP) = 2,4,6-Tribromophenol (10-123)

Column to be used to flag recovery values
 * Values outside QC limits
 D Surrogates diluted out

123

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1/02 Rev.

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

	EPACTC WATER S1	OTHER	TOT
SAMPLE NO.	(DBC)*		OUT
01	QC70021G	79	0
02	CA1859GS	83	0
03	CA1859GR	76	0
04	CA1859G	80	0
05	CA1371G	86	0
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ADVISORY
QC LIMITS
(24-154)

S1 (DBC) = Dibutylchloroendate

- * Column to be used to flag recovery values
- * Values outside QC limits
- D Surrogates diluted out

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

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	EPA ETC	S1	OTHER	TOT
	SAMPLE NO.	(DBC)*		OUT
01	QC70044G	84		0
02	CA1858G	155		0
03	CA1858GS	146		0
04	CA1858GR	155		0
05	QC70044GS	76		0
06	CA1372G	70		0
07	CA1373G	88		0
08	CA1374G	25		0
09	CA1375G	78		0
10	CA1376G	89		0
11	CA1377G	73		0
12	CA1378G	75		0
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ADVISORY
QC LIMITS
(24-154)

S1 (DBC) = Dibutylchlorodate

- * Column to be used to flag recovery values
- * Values outside QC limits
- D Surrogates diluted out

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Level: (LOW/MED)LOW

	EPA SAMPLE NO.	S1 (DBC)#	OTHER	TOT OUT
01	QC70076G	221 *		1
02	CA1368G	98		0
03	CA1368GS	162 *		1
04	CA1368GR	186 *		1
05	CA1369G	157 *		1
06	CA1370G	422 *		1
07	CA1365G	179 *		1
08	CA1366G	148		0
09	CA1367G	321 *		1
10	CA2013G	146		0
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ADVISORY
QC LIMITS
(20-150)

S1 (DBC) = Dibutylchloroendate

Column to be used to flag recovery values

* Values outside QC limits

D Surrogates diluted out

126

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC Corp. Laboratory

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix Spike - ^{ETC} EPA Sample No.: CA1371US

OT 11/17/89

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.000	0.000	60.471	121	161-145
Trichloroethene	50.000	3.668	45.988	85	171-120
Benzene	50.000	0.000	47.209	94	176-127
Toluene	50.000	0.000	44.211	88	176-125
Chlorobenzene	50.000	0.000	44.172	88	175-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	50.000	59.183	118	2	14 161-145
Trichloroethene	50.000	46.106	85	0	14 171-120
Benzene	50.000	47.605	95	1	11 176-127
Toluene	50.000	44.791	90	1	13 176-125
Chlorobenzene	50.000	44.784	90	1	13 175-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

Comments:

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC Corp. ~~Laboratory~~ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Matrix Spike - ~~EPA~~ ^{ETC} Sample No.: CA1372US

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.000	0.000	51.026	102	61-145
Trichloroethene	50.000	0.000	43.275	87	71-120
Benzene	50.000	7.467	54.019	93	76-127
Toluene	50.000	39.636	84.708	90	76-125
Chlorobenzene	50.000	0.000	46.240	92	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	MSD % RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	50.000	47.615	95	7	14 61-145
Trichloroethene	50.000	41.470	83	4	14 71-120
Benzene	50.000	51.812	89	5	11 76-127
Toluene	50.000	82.035	85	6	13 76-125
Chlorobenzene	50.000	44.891	90	3	13 75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of limits

RPD: 0 out of 5 outside limits
 Spike Recovery: 0 out of 10 outside limits

Comments: _____

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC Corp. ~~Laboratory~~ Contract:
 Lab Code: Case No.: 07/19/09 SAS No.: SDG No.:
~~ETC~~
 Matrix Spike - ~~EPA~~ Sample No.: CA1935US Level: (LOW/MED) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.000	0.000	63.783	128	59-172
Trichloroethene	50.000	0.000	50.441	101	62-137
Benzene	50.000	0.000	60.438	121	66-142
Toluene	50.000	3.679	50.255	93	59-139
Chlorobenzene	50.000	3.513 0.000	43.673	87 87	60-133

07/19/09

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	50.000	58.748	117	8	22 59-172
Trichloroethene	50.000	47.702	95	6	24 62-137
Benzene	50.000	55.318	111	9	21 66-142
Toluene	50.000	49.139	91	2	21 59-139
Chlorobenzene	50.000	44.903	89 90	3	21 60-133

07/19/09

* Column to be used to flag recovery and RPD values with an asterisk

* Values outside of limits

RPD: 0 out of 5 outside limits
 Spike Recovery: 10 out of 10 outside limits

Comments:

3B
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETCNJ Laboratory Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Matrix Spike - EPA Sample No.: CA2013US Level: (LOW/MED) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	59.524	0.000	67.988	114	59-172
Trichloroethene	59.524	0.000	59.808	100	62-137
Benzene	59.524	0.000	61.865	104	66-142
Toluene	59.524	0.000	55.505	93	59-139
Chlorobenzene	59.524	0.000	55.126	93	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	59.524	70.345	118	3	22 59-172
Trichloroethene	59.524	61.632	104	3	24 62-137
Benzene	59.524	67.139	113	8	21 66-142
Toluene	59.524	59.842	101	8	21 59-139
Chlorobenzene	59.524	57.196	96	4	21 60-133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of limits

RPD: 0 out of 9 outside limits
 Spike Recovery: 8 out of 10 outside limits

Comments: _____

SOIL SEMI-VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: _____

Contract: _____

Lab Code: _____

SAS No.: _____

SDG No.: _____

Matrix Spike: _____

Sample No.: CA1368CS

Level: (LOW/MED) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC ‡	QC LIMITS REC.
Phenol	7751.938	0.000	4498.735	58	26-90
2-Chlorophenol	7751.938	0.000	4762.530	61	25-102
1,4-Dichlorobenzene	3875.969	0.000	2666.521	69	28-104
N-Nitroso-di-n-prop. (1)	3875.969	0.000	3165.062	82	41-126
1,2,4-Trichlorobenzene	3875.969	0.000	2643.236	68	38-107
4-Chloro-3-methylphenol	7751.938	0.000	3253.996	42	26-103
Acenaphthene	3875.969	0.000	2590.858	67	31-137
4-Nitrophenol	7751.938	0.000	1863.183	24	11-114
2,4-Dinitrotoluene	3875.969	0.000	1471.133	38	28-89
Pentachlorophenol	7751.938	0.000	425.215	5 *	17-109
Pyrene	3875.969	0.000	2310.755	60	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC ‡	% RPD ‡	QC LIMITS RPD REC.
Phenol	7748.934	4565.791	59	2	35 26-90
2-Chlorophenol	7748.934	5028.053	65	5	50 25-102
1,4-Dichlorobenzene	3874.467	2839.588	73	6	27 28-104
N-Nitroso-di-n-prop. (1)	3874.467	3245.385	84	3	38 41-126
1,2,4-Trichlorobenzene	3874.467	3044.104	79	14	23 38-107
4-Chloro-3-methylphenol	7748.934	3084.304	40	5	33 26-103
Acenaphthene	3874.467	2977.119	77	14	19 31-137
4-Nitrophenol	7748.934	1983.942	26	6	50 11-114
2,4-Dinitrotoluene	3874.467	1548.368	40	5	47 28-89
Pentachlorophenol	7748.934	448.256	6 *	5	47 17-109
Pyrene	3874.467	2602.321	67	12	36 35-142

(1) N-Nitroso-di-n-propylamine

‡ Column to be used to flag recovery and RPD values with an asterisk

* Values outside of limits

RPD: 0 out of 11 outside limits

Spike Recovery: 2 out of 22 outside limits

131

Comments: _____

WATER SEMI-VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.: CA1371CS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	215.054	0.000	52.974	25	12- 89
2-Chlorophenol	215.054	0.000	68.700	32	127-123
1,4-Dichlorobenzene	107.527	0.000	87.502	81	136- 97
N-Nitroso-di-n-prop.(1)	107.527	0.000	63.350	59	141-116
1,2,4-Trichlorobenzene	107.527	0.000	84.904	79	139- 98
4-Chloro-3-methylphenol	215.054	0.000	81.477	38	123- 97
Acenaphthene	107.527	0.000	87.265	81	146-118
4-Nitrophenol	215.054	0.000	90.190	42	110- 80
2,4-Dinitrotoluene	107.527	0.000	75.062	70	124- 96
Pentachlorophenol	215.054	0.000	112.038	52	9-103
Pyrene	107.527	0.000	103.230	96	126-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
Phenol	204.082	50.081	25	0	42 12- 89
2-Chlorophenol	204.082	70.505	35	8	40 127-123
1,4-Dichlorobenzene	102.041	73.363	72	12	28 136- 97
N-Nitroso-di-n-prop.(1)	102.041	52.274	51	14	38 141-116
1,2,4-Trichlorobenzene	102.041	75.250	74	7	28 139- 98
4-Chloro-3-methylphenol	204.082	69.163	34	11	42 123- 97
Acenaphthene	102.041	77.876	76	6	31 146-118
4-Nitrophenol	204.082	55.795	27	42	50 110- 80
2,4-Dinitrotoluene	102.041	60.141	59	17	38 124- 96
Pentachlorophenol	204.082	89.216	44	17	50 9-103
Pyrene	102.041	89.325	88	9	31 126-127

(1) N-Nitroso-di-n-propylamine

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of limits

RPD: 0 out of 11 outside limits

Spike Recovery: 0 out of 22 outside limits

132

Comments: _____

3C
WATER SEMI-VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETC Corp. .

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix Spike - ^{ETC} EPA Sample No.: CA1858CS

OT 10/24/89

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
Phenol	200.000	0.000	165.033	83	12- 89
2-Chlorophenol	200.000	0.000	154.735	77	127-123
1,4-Dichlorobenzene	100.000	0.000	82.113	82	136- 97
N-Nitroso-di-n-prop. (1)	100.000	0.000	65.975	66	141-116
1,2,4-Trichlorobenzene	100.000	0.000	80.375	80	139- 98
4-Chloro-3-methylphenol	200.000	0.000	187.902	94	123- 97
Acenaphthene	100.000	0.000	82.708	83	146-118
4-Nitrophenol	200.000	0.000	129.223	65	110- 80
2,4-Dinitrotoluene	100.000	0.000	80.460	80	124- 96
Pentachlorophenol	200.000	0.000	214.850	107 *	9-103
Pyrene	100.000	0.000	102.037	102	126-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
Phenol	200.000	175.347	88	6	42 12- 89
2-Chlorophenol	200.000	182.681	91	17	40 127-123
1,4-Dichlorobenzene	100.000	79.617	80	3	28 136- 97
N-Nitroso-di-n-prop. (1)	100.000	49.379	49	29	38 141-116
1,2,4-Trichlorobenzene	100.000	88.555	89	10	28 139- 98
4-Chloro-3-methylphenol	200.000	182.696	91	3	42 123- 97
Acenaphthene	100.000	85.131	85	3	31 146-118
4-Nitrophenol	200.000	126.542	63	2	50 110- 80
2,4-Dinitrotoluene	100.000	70.613	71	13	38 124- 96
Pentachlorophenol	200.000	213.061	107 *	1	50 9-103
Pyrene	100.000	101.097	101	1	31 126-127

(1) N-Nitroso-di-n-propylamine

* Column to be used to flag recovery and RPD values with an asterisk

* Values outside of limits

133

RPD: 0 out of 11 outside limits

Spike Recovery: 2 out of 22 outside limits

Comments: _____

3F
SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.: CA1368GS

Level:(LOW/MED) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
gamma-BHC(Lindane)	62.015	0.000	40.576	65	46-127
Heptachlor	62.015	0.000	36.055	58	35-130
Aldrin	62.015	0.000	50.384	81	34-132
Dieldrin	155.039	0.000	107.315	69	31-134
Endrin	155.039	0.000	102.021	66	42-139
4,4'-DDT	155.039	0.000	134.679	87	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
gamma-BHC(Lindane)	61.991	50.585	82	22	50	46-127
Heptachlor	61.991	45.103	73	22	31	35-130
Aldrin	61.991	57.160	92	13	43	34-132
Dieldrin	154.979	130.458	84	20	38	31-134
Endrin	154.979	134.066	87	27	45	42-139
4,4'-DDT	154.979	165.568	107	21	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

Comments:

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ~~ETON~~

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix Spike - ~~EPA~~ Sample No.: CA1858GS

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COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
gamma-BHC(Lindane)	.200	0.000	.254	127 *	156-123
Heptachlor	.200	0.000	.220	110	140-131
Aldrin	.200	0.000	.221	110	140-120
Dieldrin	.500	0.000	.636	127 *	152-126
Endrin	.500	0.000	.272	54 *	156-121
4,4'-DDT	.500	0.000	.712	142 *	138-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.	
gamma-BHC(Lindane)	.200	.237	118	7	15	156-123
Heptachlor	.200	.209	105	5	20	140-131
Aldrin	.200	.214	107	3	22	140-120
Dieldrin	.500	.634	127	0	18	152-126
Endrin	.500	.269	54 *	1	21	156-121
4,4'-DDT	.500	.691	138 *	3	27	138-127

* Column to be used to flag recovery and RPD values with an asterisk

* Values outside of limits

RPD: 0 out of 6 outside limits

Spike Recovery: 5 out of 12 outside limits

Comments:

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix Spike - ~~EPA~~ Sample No.: CA1859GS
EC

11/2/89

COMPOUND	SPIKE	SAMPLE	MS	MS	QC
	ADDED (ug/L)	CONCENTRATION (ug/L)	CONCENTRATION (ug/L)	% REC #	LIMITS REC.
gamma-BHC(Lindane)	.200	0.000	.160	80	56-123
Heptachlor	.200	0.000	.152	76	40-131
Aldrin	.200	0.000	.147	73	40-120
Dieldrin	.500	0.000	.403	81	52-126
Endrin	.500	0.000	.450	90	56-121
4,4'-DDT	.500	0.000	.289	58	38-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD		QC LIMITS	
			% REC #	% RPD #	RPD	REC.
gamma-BHC(Lindane)	.200	.159	80	1	15	56-123
Heptachlor	.200	.146	73	4	20	40-131
Aldrin	.200	.142	71	3	22	40-120
Dieldrin	.500	.428	86	6	18	52-126
Endrin	.500	.431	86	4	21	56-121
4,4'-DDT	.500	.292	58	1	27	38-127

* Column to be used to flag recovery and RPD values with an asterisk

Values outside of limits

RPD: 0 out of 6 outside limits

Spike Recovery: 0 out of 12 outside limits

Comments:

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp. Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID: >C7201 Lab Sample ID: QC70067U
 Date Analyzed 09/21/89 Time Analyzed: 2000
 Matrix: (soil/water) WATER Level:(low/med) LOW
 Instrument ID: GC/MS C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01		CA1371V	>C7202	2148
02		CA1371US	>C7203	2245
03		CA1371UR	>C7204	2340
04		CA1980V	>C7205	0036
05		CA1977V	>C7206	0132
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Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp. Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Lab File ID: >C7220 Lab Sample ID: QC70067U
Date Analyzed 09/27/89 Time Analyzed: 1111
Matrix: (soil/water) WATER Level: (low/med) LOW
Instrument ID: GC/MS C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CA1981U	>C7221	1325
02	CA1978U	>C7222	1419
03	CA1982U	>C7223	1514
04	CA1979U	>C7224	1609
05	CA1983U	>C7225	1704
06			
07			
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Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID: >C7233

Lab Sample ID: QC70070U

Date Analyzed 10/02/89

Time Analyzed: 2028

Matrix: (soil/water) WATER

Level:(low/med) LOW

Instrument ID: GC/MS C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01		QC70070U	>C7234	2123
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Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp. Contract: _____
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID: >C7255 Lab Sample ID: QC70070U
 Date Analyzed 10/04/89 Time Analyzed: 1631
 Matrix: (soil/water) WATER Level:(low/med) LOW
 Instrument ID: GC/MS C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CA1377U	>C7256	1842
02	CA1382U	>C7257	1938
03	CA1374U	>C7258	2033
04	CA1376U	>C7259	2128
05			
06			
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Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp. Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID: >C7265 Lab Sample ID: QC70070U
 Date Analyzed 10/05/89 Time Analyzed: 1625
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: GC/MS C

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CA1375U	>C7266	1932
02	CA1378U	>C7267	2027
03	CA2068U	>C7268	2122
04	CA1379U	>C7269	2217
05	CA1380U	>C7270	2312
06	CA2069U	>C7273	0157
07	CA2070U	>C7274	0251
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Comments: _____

page 4 of 4

σ 11/9/89

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SOG No.:

Lab File ID: >D7536

Lab Sample ID: QC70069U

Date Analyzed 09/26/89

Time Analyzed: 1715

Matrix: (soil/water) SOIL

Level: (low/med) LOW

Instrument ID: GC/MS D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01		CA1935U	>D7537	1909
02		CA1937U	>D7538	2001
03		CA1942U	>D7540	2144
04		CA1959U	>D7546	0252
05		CA1974U	>D7547	0344
06				
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Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID: >D7550

Lab Sample ID: QC70069U

Date Analyzed 09/27/89

Time Analyzed: 1059

Matrix: (soil/water) SOIL

Level:(low/med) LOW

Instrument ID: GC/MS D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01		CA1935US	>D7551	1228
02		CA1935UR	>D7552	1320
03		CA1941U	>D7553	1410
04		CA1946U	>D7554	1458
05		CA1947U	>D7555	1548
06		CA1943U	>D7556	1637
07		CA1958U	>D7557	1727
08		CA1932U	>D7558	1818
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Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID: >D7563

Lab Sample ID: QC70069U

Date Analyzed 09/28/89

Time Analyzed: 1103

Matrix: (soil/water) SOIL

Level:(low/med) LOW

Instrument ID: GC/MS D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	CA1933U	>D7567	1511
02	CA1934U	>D7568	1602
03	CA1938U	>D7569	1653
04			
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Comments:

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp. Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID: >D7575 Lab Sample ID: QC70069U
 Date Analyzed 09/28/89 Time Analyzed: 2238
 Matrix: (soil/water) SOIL Level:(low/med) LOW
 Instrument ID: GC/MS D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01		CA1948U	>D7576	2330
02		CA1939U	>D7577	0023
03		CA1955	>D7578	0115
04		CA1956U	>D7579	0207
05		CA1957U	>D7580	0300
06		CA1975U	>D7581	0352
07		CA1365U	>D7582	0444
08		CA1966U	>D7583	0533
09		CA1367U	>D7584	0623
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Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp. Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: SC SDG No.: _____
 Lab File ID: >D7597 Lab Sample ID: QC70071V
 Date Analyzed: 09/29/89 Time Analyzed: 1827
 Matrix: (soil/water) Soil Level: (low/med) LOW
 Instrument ID: D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01		CA1368V	>D7598	1958
02		CA1368V	>D7599	2051
03		CA1369V	>D7600	2143
04		CA1369V	>D7602	2236
05		CA 2013VS	>D7606	0254
06		CA 2013VR	>D7607	0247
07		CA 2013VS	>D7608	0438
08		CA 2013VR	>D7609	0530
09		CA1370V	>D7602	2327
10		CA1370V	>D7603	0018
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COMMENTS: _____

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4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp. Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: NC SDG No.: _____
 Lab File ID: 707657 Lab Sample ID: CC70071V
 Date Analyzed: 09/10/11/89 Time Analyzed: 1935
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: D

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01		CA2013V	707659	
02		CA2013V	707660	22:05
03				
04				
05				
06				
07				
08				
09				
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COMMENTS: _____

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: _____ Contract: _____
 Lab Code: _____ No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID: _____ Lab Sample ID: QC70076C
 Date Extracted: 10/04/89 Extraction: (SepF/Cont/Sonc) SONC
 Date Analyzed 11/13/89 Time Analyzed: 2255
 Matrix: (soil/water) SOIL Level: (low/med) LOW
 Instrument ID: GC/MS G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	CA1368CS	>G9024	11/14/89
02	CA1368CR	>G9025	11/14/89
03	CA1370C	>G9028	11/14/89
04	CA1366C	>G9030	11/14/89
05	CA1368C	>G9032	11/14/89
06	CA2013C	>G9037	11/14/89
07	CA1369C	>G9038	11/14/89
08	CA1365C	>G9039	11/14/89
09	CA1367C	>G9040	11/14/89
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12			
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Comments: _____

4B
SEMIVOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp. Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID: >G8659 Lab Sample ID: QC70084C
 Date Extracted: 09/29/89 Extraction:(SepF/Cont/Sonc) SEPF
 Date Analyzed 10/16/89 Time Analyzed: 1155
 Matrix: (soil/water) WATER Level:(low/med) LOW
 Instrument ID: GC/MS G

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01		CA1858C	>G8660	10/16/89
02		CA1858CS	>G8661	10/16/89
03		CA1858CR	>G8662	10/16/89
04		CA1372C	>G8667	10/16/89
05		CA1373C	>G8668	10/16/89
06		CA1374C	>G8669	10/16/89
07		CA1375C	>G8680	10/17/89
08		CA1376C	>G8681	10/17/89
09		CA1377C	>G8682	10/17/89
10		CA1378C	>G8683	10/17/89
11		CA1382C	>G8684	10/17/89
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Comments: _____

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4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab Sample ID: QC70021G

Lab File ID: >QB836

Matrix: (soil/water) WATER

Level: (low/med) LOW

Date Extracted: 09/22/89

Extraction: (SepF/Cont/Sonc) SEPP ^{CONT} _{11/2/89}

Date Analyzed (1): 10/25/89

Date Analyzed (2): 10/31/89

Time Analyzed (1): 0310

Time Analyzed (2): 0141

Instrument ID (1): QB

Instrument ID (2): JB

GC Column ID (1): 2250/2401

GC Column ID (2): 3%SP-2100

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01		CA1859GS	10/25/89	
02		CA1859GR	10/25/89	
03		CA1859G	10/25/89	
04		CA1371G	10/25/89	10/31/89
05				
06				
07				
08				
09				
10				
11				
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Comments:

4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab Sample ID: QC70044G Lab File ID: >HA232
 Matrix: (soil/water) WATER Level:(low/med) LOW
 Date Extracted: 09/29/89 Extraction:(SepF/Cont/Sonc) CONT
 Date Analyzed (1): 10/27/89 Date Analyzed (2):
 Time Analyzed (1): 0653 Time Analyzed (2):
 Instrument ID (1): HA Instrument ID (2):
 GC Column ID (1): 2250/2401 GC Column ID (2):

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	CA1858G	10/27/89	
02	CA1858GS	10/27/89	
03	CA1858GR	10/27/89	
04	CA1372G	10/27/89	
05	CA1373G	10/27/89	
06	CA1374G	10/27/89	
07	CA1375G	10/27/89	
08	CA1376G	10/27/89	
09	CA1377G	10/27/89	
10	CA1378G	10/27/89	
11	CA1382G	10/27/89	
12			
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22			
23			
24			
25			
26			

Comments: _____

4C
PESTICIDE METHOD BLANK SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab Sample ID: QC70076G Lab File ID: >HA503
 Matrix: (soil/water) SOIL Level:(low/med) LOW
 Date Extracted: 10/04/89 Extraction:(SepF/Cont/Sonc) SONC
 Date Analyzed (1): 11/14/89 Date Analyzed (2): 11/28/89
 Time Analyzed (1): 0834 Time Analyzed (2): 0013
 Instrument ID (1): HA Instrument ID (2): KB
 GC Column ID (1): 2250/2401 GC Column ID (2): 3%SP-2100

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01		CA1368G	11/14/89	
02		CA1368GS	11/14/89	
03		CA1368GR	11/14/89	
04		CA1369G	11/14/89	11/28/89
05		CA1370G	11/14/89	11/28/89
06		CA1365G	11/14/89	
07		CA1366G	11/14/89	
08		CA1367G	11/14/89	
09		CA2013G	11/14/89	11/28/89
10				
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Comments: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70067U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7201

Level: (low/med) LOW

Date Received: 09/17/89

% Moisture: not dec.

Date Analyzed: 09/21/89

OT
10/17/89

Column: (pack/cap) PACK

Dilution Factor: 1

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

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corps

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC700670

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7220

Level: (low/med) LOW

Date Received: 09/19/89

% Moisture: not dec.

Date Analyzed: 09/27/89

OT
10/12/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	110	10
74-83-9	Bromomethane	110	10
75-01-4	Vinyl Chloride	110	10
75-00-3	Chloroethane	118	10
75-09-2	Methylene Chloride	19	
67-64-1	Acetone	114	
75-15-0	Carbon Disulfide	15	10
75-35-4	1,1-Dichloroethene	15	10
75-34-3	1,1-Dichloroethane	15	10
540-59-0	1,2-Dichloroethene (total)	19	10
67-66-3	Chloroform	15	10
107-06-2	1,2-Dichloroethane	15	10
78-93-3	2-Butanone	110	10
71-55-6	1,1,1-Trichloroethene	15	10
56-23-5	Carbon Tetrachloride	15	10
108-05-4	Vinyl Acetate	110	10
75-27-4	Bromodichloromethane	15	10
78-87-5	1,2-Dichloropropane	15	10
10061-01-5	cis-1,3-Dichloropropene	15	10
79-01-6	Trichloroethene	15	10
124-48-1	Dibromochloromethane	15	10
79-00-5	1,2,2-Trichloroethane	15	10
71-43-2	Benzene	15	10
10061-02-4	trans-1,3-Dichloropropene	15	10
75-25-2	Bromoform	15	10
108-10-1	4-Methyl-2-Pentanone	110	10
591-78-6	2-Hexanone	110	10
127-18-4	Tetrachloroethene	15	10
79-34-5	1,1,2,2-Tetrachloroethane	15	10
108-88-3	Toluene	15	10
108-90-7	Chlorobenzene	15	10
100-41-4	Ethylbenzene	15	10
100-42-5	Styrene	15	10
1330-20-7	Xylene (total)	15	10

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: QC700690

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: >D7536

Level: (low/med) LOW

Date Received: 09/26/89

% Moisture: not dec.

Date Analyzed: 09/26/89

Column: (pack/cap) PACK

Dilution Factor: 1

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract: _____

Lab Code: _____ Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SPIL

Lab Sample ID: QC70069V

Sample wt/vol: 5 (g/mL) G

Lab File ID: > D 7536

Level: (low/med) LOW

Date Received: 09/26/89

% Moisture: not dec. _____

Date Analyzed: 09/26/89

Column: (pack/cap) PACK

Dilution Factor: 1

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/kg

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>NDNE</u>			
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: QC700690

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: >D7550

Level: (low/med) LOW

Date Received: 09/27/89

% Moisture: not dec.

Date Analyzed: 09/27/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	11	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETCNS Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: QC70069

Sample wt/vol: 5 (g/mL) 4 Lab File ID: 7D7550

Level: (low/med) LOW Date Received: 09/07/89

% Moisture: not dec. _____ Date Analyzed: 09/07/89

Column: (pack/cap) PACK Dilution Factor: 1

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/kg

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	NONE			
2.				
3.				
4.				
5.				
6.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: QC700690

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: >D/563

Level: (low/med) LOW

Date Received: 09/28/89

% Moisture: not dec.

Date Analyzed: 09/28/89

Column: (pack/cap) PACK

Dilution Factor: 1

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

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VOLATILE ORGANIC ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS



Lab Name: ETC. CORP. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: PC 70069 V

Sample wt/vol: 5.0 (g/mL) g Lab File ID: 20 7563

Level: (low/med) LOW Date Received: 09/25/89

% Moisture: not dec. _____ Date Analyzed: 09/25/89

Column: (pack/cap) PACK Dilution Factor: 1

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/kg

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>None Found.</u>			
2.				
3.				
4.				
5.				
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7.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: QC70069U

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: >D7575

Level: (low/med) LOW

Date Received: 09/28/89

% Moisture: not dec.

Date Analyzed: 09/28/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	IU
74-83-9	Bromomethane	10	IU
75-01-4	Vinyl Chloride	10	IU
75-00-3	Chloroethane	10	IU
75-09-2	Methylene Chloride	14	I
67-64-1	Acetone	16	IJ
75-15-0	Carbon Disulfide	15	IU
75-35-4	1,1-Dichloroethene	15	IU
75-34-3	1,1-Dichloroethane	15	IU
540-59-0	1,2-Dichloroethene (total)	15	IU
67-66-3	Chloroform	15	IU
107-06-2	1,2-Dichloroethane	15	IU
78-93-3	2-Butanone	10	IU
71-55-6	1,1,1-Trichloroethane	15	IU
56-23-5	Carbon Tetrachloride	15	IU
108-05-4	Vinyl Acetate	10	IU
75-27-4	Bromodichloromethane	15	IU
78-87-5	1,2-Dichloropropane	15	IU
10061-01-5	cis-1,3-Dichloropropene	15	IU
79-01-6	Trichloroethene	15	IU
124-48-1	Dibromochloromethane	15	IU
79-00-5	1,1,2-Trichloroethane	15	IU
71-43-2	Benzene	15	IU
10061-02-6	trans-1,3-Dichloropropene	15	IU
75-25-2	Bromoform	15	IU
108-10-1	4-Methyl-2-Pentanone	10	IU
591-78-6	2-Hexanone	10	IU
127-18-4	Tetrachloroethene	15	IU
79-34-5	1,1,2,2-Tetrachloroethane	15	IU
108-88-3	Toluene	15	IU
108-90-7	Chlorobenzene	15	IU
100-41-4	Ethylbenzene	15	IU
100-42-5	Styrene	15	IU
1330-20-7	Xylene (total)	15	IU

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETCNS Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: QC70069

Sample wt/vol: _____ (g/mL) g Lab File ID: 2D7575

Level: (low/med) LOW Date Received: 09/28/09

% Moisture: not dec. _____ Date Analyzed: 09/28/09

Column: (pack/cap) PACK Dilution Factor: 1

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Alkane	22.53		
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70070U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7233

Level: (low/med) LOW

Date Received: ^{10/2} 09/29/89

% Moisture: not dec.

Date Analyzed: 10/02/89 ^{OT}

Column: (pack/cap) PACK

Dilution Factor: 1 ^{11/9/89}

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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC CORP.

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) water

Lab Sample ID: QC 70070V

Sample wt/vol: 5.0 (g/mL) nc

Lab File ID: 767233

Level: (low/med) low

Date Received: 10/02/09

% Moisture: not dec. _____

Date Analyzed: 10/02/09

Column: (pack/cap) PAK

Dilution Factor: 1

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/l.

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>None Found.</u>			
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70070U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7234

Level: (low/med) LOW

Date Received: ^{10/2} ~~09/29/89~~

% Moisture: not dec.

Date Analyzed: 10/02/89 ST _{11/9/89}

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	U
67-64-1	Acetone	4	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	900 5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

VOLATILE ORGANICS ANALYSIS U.S.A. 30421
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC CORP.

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) Water

Lab Sample ID: QC 70070V

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 7C 7234

Level: (low/med) low

Date Received: 10/02/09

% Moisture: not dec. _____

Date Analyzed: 10/02/09

Column: (pack/cap) PAK

Dilution Factor: 1

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/l.

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<i>None Found.</i>			
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70070U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7241

Level: (low/med) LOW

Date Received: ^{10/3} 09/29/89

% Moisture: not dec.

Date Analyzed: 10/03/89

OT
11/9/89

Column: (pack/cap) PACK

Dilution Factor: 1

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

OT
11/9/89

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

LPA SAMPLE NO.

Lab Name: ETC CORP.

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) Water

Lab Sample ID: QC70070V

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 207246

Level: (low/med) LOW

Date Received: 10/03/09

% Moisture: not dec. _____

Date Analyzed: 10/03/09

Column: (pack/cap) Pack

Dilution Factor: 1

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<i>None Found.</i>			
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.



Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70070V

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7255

Level: (low/med) LOW

Date Received: ^{10/4} ~~09/29~~ /89

% Moisture: not dec.

Date Analyzed: 10/04/89

ET
11/9/89

Column: (pack/cap) PACK

Dilution Factor: 1

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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: ETC CORP.

Contract: _____

Lab Total: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) water

Lab Sample ID: Q70070V

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: 767255

Level: (low/med) low

Date Received: 10/04/09

% Moisture: not dec. _____

Date Analyzed: 10/04/09

Column: (pack/cap) PAK

Dilution Factor: 1

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/kg) ug/l.

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>None Found</u>			
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70070U

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: >C7265

Level: (low/med) LDW

Date Received: ^{10/5} ~~09/29~~/89

% Moisture: not dec.

Date Analyzed: 10/05/89

OT
11/9/89

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	U
67-64-1	Acetone	7	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1.600 5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	2 5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	3 10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

OT
11/9/89

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VOA SAMPLE NO.

Lab Name: ETC CORP.

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) Water

Lab Sample ID: 0270670V

Sample wt/vol: 5.0 (g/mL) ml

Lab File ID: >C7265

Level: (low/med) low

Date Received: 10/05/09

% Moisture: not dec. _____

Date Analyzed: 10/05/09

Column: (pack/cap) SACK

Dilution Factor: 1

CONCENTRATION UNITS:

Number TICs found: 0

(ug/L or ug/kg) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>None Found</u>			
2.				
3.				
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCN3

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: QC70071U

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: >D7597

Level: (low/med) LOW

Date Received: 09/29/89 ²⁹ ^{10/26/89}

% Moisture: not dec.

Date Analyzed: 09/29/89

Column: (pack/cap) PACK

Dilution Factor: 1

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

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETC CORP

Contract: _____

Lab Code: _____ Case No.: _____

SAS No.: _____ SDS No.: _____

Matrix: (soil/vater) SOIL

Lab Sample ID: QC70071V

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: 207597

Level: (low/med) LOW

Date Received: 09/29/89

% Moisture: not dec. _____

Date Analyzed: 09/29/89

Column: (pack/cap) PACK

Dilution Factor: 1

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	<u>UNKNOWN</u>	<u>22.52</u>	<u>5</u>	
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: QC70071U

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: >D7657

Level: (low/med) LOW

Date Received: ~~09/23/89~~ ^{10/03/89} *WRT*

% Moisture: not dec.

Date Analyzed: 10/03/89 ^{10/26/89}

Column: (pack/cap) PACK

Dilution Factor: 1

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

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Lab Name: ETL Corp

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: QC74071V

Sample wt/vol: 5.0 (g/mL) g

Lab File ID: 7D7657

Level: (low/med) LOW

Date Received: 10/03/89

Moisture: not dec. _____

Date Analyzed: 10/03/89

Column: (pack/cap) pack

Dilution Factor: 1

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	22.49	5	
2.	UNKNOWN	12.52	4	
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18
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Contract: _____

Lab Code: Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: QC70076C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: >G9019

Level: (low/med) LOW Date Received: ^{10/04} ~~09/23/89~~

% Moisture: not dec. dec. Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/13/89

GPC Cleanup: (Y/N) Y pH: _____ Dilution Factor: 1

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

CAS NO.	COMPOUND	UG/KG	Q
108-95-2	Phenol	670	IU
111-44-4	bis(2-Chloroethyl)ether	670	IU
95-57-8	2-Chlorophenol	670	IU
541-73-1	1,3-Dichlorobenzene	670	IU
106-46-7	1,4-Dichlorobenzene	670	IU
100-51-6	Benzyl alcohol	670	IU
95-50-1	1,2-Dichlorobenzene	670	IU
95-48-7	2-Methylphenol	670	IU
108-60-1	bis(2-Chloroisopropyl)ether	670	IU
106-44-5	4-Methylphenol	670	IU
621-64-7	N-Nitroso-di-n-propylamine	670	IU
67-72-1	Hexachloroethane	670	IU
98-95-3	Nitrobenzene	670	IU
78-59-1	Isophorone	670	IU
88-75-5	2-Nitrophenol	670	IU
105-67-9	2,4-Dimethylphenol	670	IU
65-85-0	Benzoic acid	3300	IU
111-91-1	bis(2-Chloroethoxy)methane	670	IU
120-83-2	2,4-Dichlorophenol	670	IU
120-82-7	1,2,4-Trichlorobenzene	670	IU
91-20-3	Naphthalene	670	IU
106-47-8	4-Chloroaniline	670	IU
87-68-3	Hexachlorobutadiene	670	IU
59-50-7	4-Chloro-3-methylphenol	670	IU
91-57-6	2-Methylnaphthalene	670	IU
77-47-4	Hexachlorocyclopentadiene	670	IU
88-06-2	2,4,6-Trichlorophenol	670	IU
95-95-4	2,4,5-Trichlorophenol	3300	IU
91-58-7	2-Chloronaphthalene	670	IU
88-74-4	2-Nitroaniline	3300	IU
131-11-3	Dimethylphthalate	670	IU
208-96-8	Acenaphthylene	670	IU
606-20-2	2,6-Dinitrotoluene	670	IU

194

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC Corp.

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: QC70076C

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: >G9019

Level: (low/med) LOW

Date Received: ^{10/04} ~~09/23~~/89 OT
11/20/89

% Moisture: not dec. dec.

Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/13/89

GPC Cleanup: (Y/N) Y

pH: _____

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3300	U
83-32-9	Acenaphthene	670	U
51-28-5	2,4-Dinitrophenol	3300	U
100-02-7	4-Nitrophenol	3300	U
132-64-9	Dibenzofuran	670	U
121-14-2	2,4-Dinitrotoluene	670	U
84-66-2	Diethylphthalate	670	U
7005-72-3	4-Chlorophenyl-phenylether	670	U
86-73-7	Fluorene	670	U
100-01-6	4-Nitroaniline	3300	U
534-52-1	4,6-Dinitro-2-methylphenol	3300	U
86-30-6	N-Nitrosodiphenylamine (1)	670	U
101-55-3	4-Bromophenyl-phenylether	670	U
118-74-1	Hexachlorobenzene	670	U
87-86-5	Pentachlorophenol	3300	U
85-01-8	Phenanthrene	670	U
120-12-7	Anthracene	670	U
84-74-2	Di-n-butylphthalate	670	U
206-44-0	Fluoranthene	670	U
129-00-0	Pyrene	670	U
85-68-7	Butylbenzylphthalate	670	U
91-94-1	3,3'-Dichlorobenzidine	1300	U
56-55-3	Benzo(a)anthracene	670	U
218-01-1	Chrysene	670	U
117-81-7	bis(2-Ethylhexyl)phthalate	670	U
117-84-0	Di-n-octylphthalate	670	U
205-99-2	Benzo(b)fluoranthene	670	U
207-08-9	Benzo(k)fluoranthene	670	U
50-32-8	Benzo(a)pyrene	670	U
193-39-5	Indeno(1,2,3-cd)pyrene	670	U
53-70-3	Dibenz(a,h)anthracene	670	U
191-24-2	Benzo(g,h,i)perylene	670	U

(i) - Cannot be separated from Diphenylamine

195

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC700800

Sample wt/vol: 1000. (g/mL) ML

Lab File ID: >G8595

Level: (low/med) LOW

Date Received: 09/22/89

% Moisture: not dec. dec.

Date Extracted: 09/22/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/05/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	IU
83-32-9	Acenaphthene	10	IU
51-28-5	2,4-Dinitrophenol	50	IU
100-02-7	4-Nitrophenol	50	IU
132-64-9	Dibenzofuran	10	IU
121-14-2	2,4-Dinitrotoluene	10	IU
84-66-2	Diethylphthalate	10	IU
7005-72-3	4-Chlorophenyl-phenylether	10	IU
86-73-7	Fluorene	10	IU
100-01-6	4-Nitroaniline	50	IU
534-52-1	4,6-Dinitro-2-methylphenol	50	IU
86-30-6	N-Nitrosodiphenylamine (1)	10	IU
101-55-3	4-Bromophenyl-phenylether	10	IU
118-74-1	Hexachlorobenzene	10	IU
87-86-5	Pentachlorophenol	50	IU
85-01-8	Phenanthrene	10	IU
120-12-7	Anthracene	10	IU
84-74-2	Di-n-butylphthalate	10	IU
206-44-0	Fluoranthene	10	IU
129-00-0	Pyrene	10	IU
85-68-7	Butylbenzylphthalate	10	IU
91-94-1	3,3'-Dichlorobenzidine	20	IU
56-55-3	Benzo(a)anthracene	10	IU
218-01-9	Chrysene	10	IU
117-81-7	bis(2-Ethylhexyl)phthalate	10	IU
117-84-0	Di-n-octylphthalate	10	IU
205-99-2	Benzo(b)fluoranthene	10	IU
207-08-9	Benzo(k)fluoranthene	10	IU
50-32-8	Benzo(a)pyrene	10	IU
193-39-5	Indeno(1,2,3-cd)pyrene	10	IU
53-70-3	Dibenz(a,h)anthracene	10	IU
191-24-2	Benzo(g,h,i)perylene	10	IU

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70084C

Sample wt/vol: 1000. (g/mL) ML

Lab File ID: >G8659

Level: (low/med) LOW

Date Received: 09/28/89 ²⁷ or 10/24/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/16/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	IU
111-44-4	bis(2-Chloroethyl)ether	10	IU
95-57-8	2-Chlorophenol	10	IU
541-73-1	1,3-Dichlorobenzene	10	IU
106-46-7	1,4-Dichlorobenzene	10	IU
100-51-6	Benzyl alcohol	10	IU
95-50-1	1,2-Dichlorobenzene	10	IU
95-48-7	2-Methylphenol	10	IU
108-60-1	bis(2-Chloroisopropyl)ether	10	IU
106-44-5	4-Methylphenol	10	IU
621-64-7	N-Nitroso-di-n-propylamine	10	IU
67-72-1	Hexachloroethane	10	IU
98-95-3	Nitrobenzene	10	IU
78-59-1	Isophorone	10	IU
88-75-5	2-Nitrophenol	10	IU
105-67-9	2,4-Dimethylphenol	10	IU
65-85-0	Benzoic acid	50	IU
111-91-1	bis(2-Chloroethoxy)methane	10	IU
120-83-2	2,4-Dichlorophenol	10	IU
120-82-1	1,2,4-Trichlorobenzene	10	IU
91-20-3	Naphthalene	10	IU
106-47-8	4-Chloroaniline	10	IU
87-68-3	Hexachlorobutadiene	10	IU
59-50-7	4-Chloro-3-methylphenol	10	IU
91-57-6	2-Methylnaphthalene	10	IU
77-47-4	Hexachlorocyclopentadiene	10	IU
88-06-2	2,4,6-Trichlorophenol	10	IU
95-95-4	2,4,5-Trichlorophenol	50	IU
91-58-7	2-Chloronaphthalene	10	IU
88-74-4	2-Nitroaniline	50	IU
131-11-3	Dimethylphthalate	10	IU
208-96-8	Acenaphthylene	10	IU
606-20-2	2,6-Dinitrotoluene	10	IU

200

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: ETC Corp. Contract: _____

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: QC70084C

Sample wt/vol: 1000. (g/mL) ML Lab File ID: >G8659

Level: (low/med) LOW Date Received: 09/28/89 ²⁹

% Moisture: not dec. dec. Date Extracted: 09/29/89 *or 10/24/89*

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 10/16/89

GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	IU
83-32-9	Acenaphthene	10	IU
51-28-5	2,4-Dinitrophenol	50	IU
100-02-7	4-Nitrophenol	50	IU
132-64-9	Dibenzofuran	10	IU
121-14-2	2,4-Dinitrotoluene	10	IU
84-66-2	Diethylphthalate	10	IU
7005-72-3	4-Chlorophenyl-phenylether	10	IU
86-73-7	Fluorene	10	IU
100-01-6	4-Nitroaniline	50	IU
534-52-1	4,6-Dinitro-2-methylphenol	50	IU
86-30-6	N-Nitrosodiphenylamine (1)	10	IU
101-55-3	4-Bromophenyl-phenylether	10	IU
118-74-1	Hexachlorobenzene	10	IU
87-86-5	Pentachlorophenol	50	IU
85-01-8	Phenanthrene	10	IU
120-12-7	Anthracene	10	IU
84-74-2	Di-n-butylphthalate	10	IU
206-44-0	Fluoranthene	10	IU
129-00-0	Pyrene	10	IU
85-68-7	Butylbenzylphthalate	10	IU
91-94-1	3,3'-Dichlorobenzidine	20	IU
56-55-3	Benzo(a)anthracene	10	IU
218-01-9	Chrysene	10	IU
117-81-7	bis(2-Ethylhexyl)phthalate	10	IU
117-84-0	Di-n-octylphthalate	10	IU
205-99-2	Benzo(b)fluoranthene	10	IU
207-08-9	Benzo(k)fluoranthene	10	IU
50-32-8	Benzo(a)pyrene	10	IU
193-39-5	Indeno(1,2,3-cd)pyrene	10	IU
53-70-3	Dibenz(a,h)anthracene	10	IU
191-24-2	Benzo(g,h,i)perylene	10	IU

(1) - Cannot be separated from Diphenylamine

201

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70021G

Sample wt/vol: 1000. (g/mL) ML

Lab File ID: >QB836

Level: (low/med) LOW

Date Received:

% Moisture: not dec. dec.

Date Extracted: 09/22/89

Extraction: (SepF/Cont/Sonc) SEPF

Date Analyzed: 10/25/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-64-6	alpha-BHC	.050	IU
319-65-7	beta-BHC	.050	IU
319-86-8	delta-BHC	.050	IU
58-89-9	gamma-BHC(Lindane)	.050	IU
76-44-8	Heptachlor	.050	IU
309-00-2	Aldrin	.050	IU
1024-57-3	Heptachlor epoxide	.050	IU
959-98-8	Endosulfan I	.050	IU
60-57-1	Dieldrin	.100	IU
72-55-9	4,4'-DDE	.100	IU
72-20-8	Endrin	.100	IU
33213-65-9	Endosulfan II	.100	IU
72-54-8	4,4'-DDD	.100	IU
1031-07-8	Endosulfan sulfate	.100	IU
50-29-3	4,4'-DDT	.100	IU
72-43-5	Methoxychlor	.500	IU
53494-70-5	Endrin ketone	.100	IU
5103-71-9	alpha-Chlordane	.500	IU
5103-74-2	gamma-Chlordane	.500	IU
8001-35-2	Toxaphene	2	IU
12674-11-2	Aroclor-1016	.500	IU
11104-28-2	Aroclor-1221	.500	IU
11141-16-5	Aroclor-1232	.500	IU
53469-21-9	Aroclor-1242	.500	IU
12672-29-6	Aroclor-1248	.500	IU
11097-69-1	Aroclor-1254	1	IU
11096-82-5	Aroclor-1260	1	IU

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCN

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70044G

Sample wt/vol: 1000. (g/mL) ML

Lab File ID: >HA232

Level: (low/med) LOW

Date Received: 09/29/89

% Moisture: not dec. dec.

Date Extracted: 09/29/89

Extraction: (SepF/Cont/Sonc) CONT

Date Analyzed: 10/27/89

GPC Cleanup: (Y/N) N pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-64-6	alpha-BHC	.050	IU
319-65-7	beta-BHC	.050	IU
319-86-8	delta-BHC	.050	IU
58-89-9	gamma-BHC(Lindane)	.050	IU
76-44-8	Heptachlor	.050	IU
309-00-2	Aldrin	.050	IU
1024-57-3	Heptachlor epoxide	.050	IU
959-98-8	Endosulfan I	.050	IU
60-57-1	Dieldrin	.100	IU
72-55-9	4,4'-DDE	.100	IU
72-20-8	Endrin	.100	IU
33213-65-9	Endosulfan II	.100	IU
72-54-8	4,4'-DDD	.100	IU
1031-07-8	Endosulfan sulfate	.100	IU
50-29-3	4,4'-DDT	.100	IU
72-43-5	Methoxychlor	.500	IU
53494-70-7	Endrin ketone	.100	IU
5103-71-8	alpha-Chlordane	.500	IU
5103-74-9	gamma-Chlordane	.500	IU
8001-35-2	Toxaphene	2	IU
12674-11-2	Aroclor-1016	.500	IU
11104-28-2	Aroclor-1221	.500	IU
11141-16-9	Aroclor-1232	.500	IU
53469-21-9	Aroclor-1242	.500	IU
12672-29-6	Aroclor-1248	.500	IU
11097-69-1	Aroclor-1254	1	IU
11096-82-5	Aroclor-1260	1	IU

10
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: QC70076G

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: >HA503

Level: (low/med) LOW

Date Received: ~~09/23/89~~ ^{11/29/89}

% Moisture: not dec. dec.

Date Extracted: 10/04/89

Extraction: (SepF/Cont/Sonc) SONC

Date Analyzed: 11/14/89

GPC Cleanup: (Y/N) Y pH:

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	-Q
319-64-6	alpha-BHC	0	IU
319-65-7	beta-BHC	0	IU
319-86-8	delta-BHC	0	IU
58-89-9	gamma-BHC(Lindane)	0	IU
76-44-8	Heptachlor	0	IU
309-00-2	Aldrin	0	IU
1024-57-3	Heptachlor epoxide	0	IU
959-98-8	Endosulfan I	0	IU
60-57-1	Dieldrin	6	IU
72-55-9	4,4'-DDE	6	IU
72-20-8	Endrin	6	IU
33213-65-9	Endosulfan II	6	IU
72-54-8	4,4'-DDD	6	IU
1031-07-8	Endosulfan sulfate	6	IU
50-29-3	4,4'-DDT	6	IU
72-43-5	Methoxychlor	80	IU
53494-70-5	Endrin ketone	6	IU
5103-71-9	alpha-Chlordane	8	IU
5103-74-2	gamma-Chlordane	8	IU
8001-35-2	Toxaphene	320	IU
12674-11-2	Aroclor-1016	80	IU
11104-28-2	Aroclor-1221	80	IU
11141-16-5	Aroclor-1232	80	IU
53469-21-9	Aroclor-1242	80	IU
12672-29-6	Aroclor-1248	80	IU
11097-69-1	Aroclor-1254	140	IU
11096-82-5	Aroclor-1260	140	IU

16
↓
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11/29/89

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp. Contract: _____
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID (Standard): >C7200 Date Analyzed: 09/21/89
 Instrument ID: GC/MS C Time Analyzed: 1904
 Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) *ARK*

	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT	AREA #	RT	AREA #	RT
12 HOUR STD	89307	13.19	422240	23.60	307014	28.73
UPPER LIMIT	178614		844480		614028	
LOWER LIMIT	44654		211120		153507	
EPA SAMPLE NO.						
01 QC70067U	96207	13.17	460494	23.57	338210	28.68
02 CA1371U	100762	13.23	496977	23.59	356002	28.74
03 CA1371US	96502	13.17	481012	23.57	345191	28.72
04 CA1371UR	99765	13.16	486363	23.52	351865	28.68
05 CA1980U	100714	13.16	485913	23.56	356675	28.71
06 CA1977U	100698	13.17	497853	23.57	361861	28.72
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >C7231

Data Analyzed: 10/02/89

Instrument ID: GC/MS C

Time Analyzed: 1837

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) *QAK*

	IS1(BCM)	IS2(DFB)	IS3(CBZ)
	AREA #	RT	AREA #
	AREA #	RT	AREA #
12 HOUR STD	66550	13.47	233201
UPPER LIMIT	133100		466402
LOWER LIMIT	33275		116601
EPA SAMPLE NO.			
01 QC70070U	71746	13.46	252458
02 QC70070U	95347	13.50	340604
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

* Column used to flag internal standard area values with an asterisk.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >C7240

Date Analyzed: 10/03/89

Instrument ID: GC/MS C

Time Analyzed: 1042

Matrix:(soil/water) WATER Level:(low/med) LDW Column:(pack/cap) _____

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA #		AREA #		AREA #	
12 HOUR STD	104163	13.45	493501	24.00	366536	29.41
UPPER LIMIT	208326		987002		733072	
LOWER LIMIT	52081		246751		183268	
EPA SAMPLE NO.						
01 QC70070V	98504	13.48	468434	24.02	354218	29.47
02 CA1372V	102588	13.47	506508	24.05	378884	29.47
03 CA1372US	102281	13.46	499855	24.03	366479	29.45
04 CA1372UR	95448	13.45	459360	24.03	339304	29.46
05 CA1373V	86247	13.53	436618	24.10	344391	29.53
06 CA1374V	78675	13.44	377663	24.02	306929	29.40
07 CA1376V	82771	13.45	395540	24.02	309309	29.45
08 CA1375V	80120	13.50	376306	24.08	296629	29.50
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >C7253

Data Analyzed: 10/04/89

Instrument ID: GC/MS C

Time Analyzed: 1440

Matrix:(soil/water) WATER

Level:(low/med) LOW

Column:(pack/cap)

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA #		AREA #		AREA #	
12 HOUR STD	96965	13.30	452236	23.73	349207	28.92
UPPER LIMIT	193930		904472		698414	
LOWER LIMIT	48483		226118		174603	
EPA SAMPLE NO.						
01 QC70070U	87852	13.35	405893	23.78	316491	28.98
02 CA1377U	94004	13.30	445624	23.76	346441	28.95
03 CA1382U	80837	13.47	383433	23.86	302824	29.08
04 CA1374U	84371	13.35	404983	23.78	319337	28.96
05 CA1376U	82902	13.40	395256	23.82	313414	28.98
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

* Column used to flag internal standard area values with an asterisk.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp. Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID (Standard): >D7535 Data Analyzed: 09/26/89
 Instrument ID: GC/MS D Time Analyzed: 1623
 Matrix:(soil/water) SOIL Level:(low/med) LDW Column:(pack/cap) BACK

	IS1(BCM)	IS2(DFB)	IS3(CBZ)
	AREA # RT	AREA # RT	AREA # RT
12 HOUR STD	40654 12.76	78885 23.39	55208 28.40
UPPER LIMIT	81308	157770	110416
LOWER LIMIT	20327	39443	27604
EPA SAMPLE NO.			
01 QC70069U	39751 12.71	76341 23.33	51005 28.38
02 CA1935U	36384 12.73	57494 23.35	37088 28.40
03 CA1937U	31595 12.77	52407 23.39	29357 28.44
04 CA1942U	34001 12.81	53667 23.43	33311 28.48
05 CA1959U	31695 12.85	48414 23.39	31470 28.36
06 CA1974U	31997 12.62	48805 23.20	31602 28.21
07			
08 CA1943V	31062 12.77	48140 23.39	30908 28.40
09 CA1946V	14597* 12.81	27414 23.43	11416 28.48
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

* Column used to flag internal standard area values with an asterisk.

VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp. Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID (Standard): >D7562 Data Analyzed: 09/28/89
 Instrument ID: GC/MS D Time Analyzed: 1012
 Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) PAK.

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA #		AREA #		AREA #	
12 HOUR STD	38112	12.72	67361	23.38	47076	28.47
UPPER LIMIT	76224		134722		94152	
LOWER LIMIT	19056		33680		23538	
EPA SAMPLE NO.						
01 QC70069U	30458	12.84	46956	23.54	34311	28.56
02 CA1933U	21785	12.63	32410*	23.22	18051*	28.35
03 CA1934U	17755*	12.83	22577*	23.46	9262*	28.47
04 CA1938U	28786	12.79	54527	23.45	35229	28.54
05 GE70069U	35120	12.74	85292	23.44	44488	28.41
06 GE70069U	31921	12.76	94143	23.46	33799	28.51
07 EA1948U	19729	12.79	14041*	23.37	6405*	28.38
08 EA1939U	17865*	12.76	22842*	23.38	10391*	28.47
09 GA1955U	28436	12.74	90894	23.40	29801	28.41
10 GA1995U	11984*	12.89	17970*	23.39	8886*	28.44
11 CA1957U	21694	12.80	38891	23.50	26001	28.56
12 EA1975U	20995	12.79	25900*	23.38	13443*	28.35
13 CA1969U	23888	12.74	41001	23.38	28281	28.37
14 CA1966U	22939	12.76	35614	23.38	21666*	28.47
15 EA1367U	24190	12.89	41281	23.44	23982	28.45
16						
17 CA1922V	21362	12.75	16403*	23.33	7594*	28.43
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

* Column used to flag internal standard area values with an asterisk.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >D7572

Data Analyzed: 09/28/89

Instrument ID: GC/MS D

Time Analyzed: 2002

Matrix:(soil/water) SOIL

Level:(low/med) LOW

Column:(pack/cap) *PALK*

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA ‡		AREA ‡		AREA ‡	
12 HOUR STD	35120	12.74	63292	23.44	44408	28.41
UPPER LIMIT	70240		126584		88816	
LOWER LIMIT	17560		31646		22204	
EPA SAMPLE NO.						
01 QC70069U	31921	12.76	54143	23.46	33799	28.51
02 CA1948U	19725	12.79	14041*	23.37	6405*	28.38
03 CA1939U	17865	12.76	22842*	23.38	10391*	28.47
04 CA1955	28436	12.74	50694	23.40	29801	28.41
05 CA1956U	11964*	12.89	17970*	23.39	8806*	28.44
06 CA1957U	21694	12.80	38851	23.50	26001	28.55
07 CA1975U	20995	12.79	25908*	23.38	13443*	28.35
08 CA1365U	23808	12.74	41001	23.36	28261	28.37
09 CA1966U	22939	12.76	35614	23.38	21646*	28.47
10 CA1367U	24190	12.85	41261	23.44	23982	28.45
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

‡ Column used to flag internal standard area values with an asterisk.

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8A
 U.S. ENVIRONMENTAL PROTECTION AGENCY
 INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID (Standard): >07596 Date Analyzed: 09/29/89
 Instrument ID: GC/MS D Time Analyzed: 1735
 Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA ‡	RT	AREA ‡	RT	AREA ‡	RT
12 HOUR STD	37434	12.87	91740	23.50	64442	28.51
UPPER LIMIT	74868		183480		128884	
LOWER LIMIT	18717		45870		32221	
EPA SAMPLE NO.						
01 QC70071U	26285	12.91	46836	23.53	35659	28.79
02 CA1368U	27054	12.86	48131	23.49	26429*	28.57
03 CA1369U	26882	12.80	28738*	23.42	16675*	28.47
04 CA1369U	22763	12.93	22458*	23.51	11125*	28.63
05 CA1370U	27425	12.90	29508*	23.53	14248*	28.65
06 CA1370U	25616	12.93	49408	23.51	30891*	28.64
07 CA2013US	25822	12.95	52765	23.53	32329	28.62
08 CA2013UR	27445	12.92	52733	23.51	30607*	28.63
09 CA2013US	25159	12.92	50835	23.51	31166*	28.63
10 CA2013UR	26940	12.96	57423	23.55	34583	28.63
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

‡ Column used to flag internal standard area values with an asterisk.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SOG No.:
 Lab File ID (Standard): >D7651 Data Analyzed: 10/03/89
 Instrument ID: GC/MS D Time Analyzed: 1442
 Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) PACK

	IS1 (BCM)	IS2 (DFB)	IS3 (CBZ)
	AREA ‡	AREA ‡	AREA ‡
	RT	RT	RT
12 HOUR STD	36100	117453	85184
	12.82	23.50	28.56
UPPER LIMIT	72200	234906	170368
LOWER LIMIT	18050	58726	42592
EPA SAMPLE NO.			
01 QC70071U	30126	75434	48966
	12.83	23.46	28.55
02 CA2013U	23321	54016*	32889*
	12.81	23.44	28.53
03 CA2013U	23409	58625*	38729*
	12.81	23.48	28.57
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IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (CBZ) = Chlorobenzene-d5
 UPPER LIMIT = + 100% of internal standard area.
 LOWER LIMIT = - 50% of internal standard area.

‡ Column used to flag internal standard area values with an asterisk.

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SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >G8587

Data Analyzed: 10/05/89

Instrument ID: GC/MS G

Time Analyzed: 1537

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT	AREA #	RT	AREA #	RT
12 HOUR STD		62482	9.59	111456	13.32	58279	18.71
UPPER LIMIT		124964		222912		116558	
LOWER LIMIT		31241		55728		29139	
EPA SAMPLE NO.							
01	QC70080C	62584	9.59	119341	13.33	54107	18.72
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk.

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8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >G8587

Data Analyzed: 10/05/89

Instrument ID: GC/MS G

Time Analyzed: 1537

	IS4(PHN)		IS5(CRY)		IS6(PRY)	
	AREA #	RT	AREA #	RT	AREA #	RT
12 HOUR STD	72218	23.11	35248	31.02	28462	34.97
UPPER LIMIT	144436		70496		56924	
LOWER LIMIT	36109		17624		14231	
EPA SAMPLE NO.						
01 QC70080C	63579	23.09	46764	31.02	51809	35.01
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IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Naphthalene-d8
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk.

88
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >G8599

Data Analyzed: 10/06/89

Instrument ID: GC/MS G

Time Analyzed: 0950

	IS1(DCB)		IS2(NPT)		IS3(ANT)	
	AREA #	RT	AREA #	RT	AREA #	RT
12 HOUR STD	172650	9.63	324149	13.36	159232	18.76
UPPER LIMIT	345300		648298		318464	
LOWER LIMIT	86325		162074		79616	
EPA SAMPLE NO.						
01 CA1371CS	137255	9.62	244036	13.32	110593	18.72
02 CA1371CR	140098	9.63	239355	13.34	110008	18.73
03 CA1371C	117131	9.60	232640	13.31	103680	18.72
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IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
of internal standard area.
LOWER LIMIT = - 50%
of internal standard area.

Column used to flag internal standard area values with an asterisk.

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8C
SEMI-VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >G8599

Date Analyzed: 10/06/89

Instrument ID: GC/MS G

Time Analyzed: 0950

	IS4(PHN)		IS5(CRY)		IS6(PRY)	
	AREA #	RT	AREA #	RT	AREA #	RT
12 HOUR STD	186413	23.12	82388	31.06	70204	35.01
UPPER LIMIT	372826		164776		140408	
LOWER LIMIT	93207		41194		35102	
EPA SAMPLE NO.						
01 CA1371CS	130410	23.12	85034	31.03	79633	34.98
02 CA1371CR	119408	23.12	65516	31.04	61406	35.00
03 CA1371C	106415	23.11	62763	31.05	59296	35.02
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IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Naphthalene-d8

IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%

of internal standard area.

LOWER LIMIT = - 50%

of internal standard area.

Column used to flag internal standard area values with an asterisk.

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8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >G8676

Data Analyzed: 10/16/89

Instrument ID: GC/MS G

Time Analyzed: 0928

	IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
12 HOUR STD	195845	9.42	300632	13.15	141907	18.50
UPPER LIMIT	391690		601264		283814	
LOWER LIMIT	97922		150316		70953	
EPA SAMPLE NO.						
01 QC70084C	116519	9.41	213884	13.11	126386	18.47
02 CA1858C	110303	9.44	181150	13.11	91844	18.48
03 CA1858CS	175981	9.44	271426	13.14	117055	18.49
04 CA1858CR	158739	9.46	188464	13.14	97003	18.50
05 CA1372C	113749	9.48	205298	13.16	109353	18.51
06 CA1373C	109175	9.46	192800	13.14	110130	18.50
07 CA1374C	146394	9.44	256659	13.13	112783	18.50
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
 IS2 (NPT) = Naphthalene-d8
 IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >G8676

Data Analyzed: 10/16/89

Instrument ID: GC/MS G

Time Analyzed: 0928

	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
12 HOUR STD	196834	22.86	100295	30.70	73151	34.59
UPPER LIMIT	393668		200590		146302	
LOWER LIMIT	98417		50148		36575	
EPA SAMPLE NO.						
01 QC70084C	192562	22.84	110844	30.67	79609	34.57
02 CA1858C	138884	22.83	98545	30.67	72151	34.57
03 CA1858CS	177124	22.86	123997	30.68	83393	34.60
04 CA1858CR	137970	22.85	94972	30.70	61214	34.60
05 CA1372C	176466	22.86	125394	30.70	89433	34.61
06 CA1373C	172580	22.85	111421	30.70	80411	34.60
07 CA1374C	181549	22.85	126809	30.68	79158	34.58
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Naphthalene-d8
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ . . . Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID (Standard): >G8679 Data Analyzed: 10/17/89
 Instrument ID: GC/MS G Time Analyzed: 1004

	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
12 HOUR STD	225411	22.77	77091	30.62	52232	34.51
UPPER LIMIT	450822		154182		104464	
LOWER LIMIT	112705		38545		26116	
EPA SAMPLE NO.						
01 CA1375C	205497	22.74	91847	30.60	45346	34.51
02 CA1376C	227312	22.75	107271	30.59	68360	34.50
03 CA1377C	254181	22.77	119303	30.65	68886	34.55
04 CA1378C	284060	22.78	144655	30.61	103923	34.52
05 CA1382C	246918	22.78	124234	30.61	82423	34.54
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS4 (PHN) = Phenanthrene-d10
 IS5 (CRY) = Naphthalene-d8
 IS6 (PRY) = Perylene-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk.

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SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp.

Contract: _____

Lab Code: _____ Case No.: _____

SAS No.: _____ SDG No.: _____

Lab File ID: _____ 9011

Data Analyzed: 11/13/89

Instrument ID: _____ 36

Time Analyzed: 1509

	IS1(DCB)		IS2(NPT)		IS3(ANT)	
	AREA #	RT	AREA #	RT	AREA #	RT
12 HOUR STD	253845	10.69	373359	14.47	105884	19.92
UPPER LIMIT	507690		746718		211768	
LOWER LIMIT	126922		186680		52942	
EPA SAMPLE NO.						
01 QC70076C	304275	10.70	581985	14.46	169479	19.95
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (DCB) Dichlorobenzene-d4
 IS2 (NPT) Naphthalene-d8
 IS3 (ANT) Anthracene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

* Column used to flag internal standard area values with an asterisk.

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp Contract: _____

Lab Code: _____ No.: _____ SAS No.: _____ SDG No.: _____

Lab File: _____ 69011 Date Analyzed: 11/13/89

Instrument ID: _____ Time Analyzed: 1509

	IS4(PHN)		IS5(CRY)		IS6(PRY)	
	AREA ‡	RT	AREA ‡	RT	AREA ‡	RT
12 HOUR STD	95587	24.38	41029	32.40	26689	36.43
UPPER LIMIT	191174		82058		53378	
LOWER LIMIT	47794		20514		13344	
EPA SAMPLE NO.						
01 QC70076C	106563	24.38	28132	32.41	17409	36.45
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS4 (PHN) = Permethrin-d10
IS5 (CRY) = Permethrin-d8
IS6 (PRY) = Permethrin-d12

UPPER LIMIT = + 100%
of internal standard area.
LOWER LIMIT = - 50%
of internal standard area.

‡ Column used to flag internal standard area values with an asterisk.

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Contract: _____
 Lab Code: _____ No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID: 159023 Data Analyzed: 11/14/89
 Instrument ID: _____ Time Analyzed: 0159

	IS4(PHN)	RT	IS5(CRY)	RT	IS6(PRY)	RT
	AREA ‡		AREA ‡		AREA ‡	
12 HOUR STD	114905	24.39	45959	32.41	25461	36.44
UPPER LIMIT	229810		91918		50922	
LOWER LIMIT	57453		22979		12731	
EPA SAMPLE NO.						
01 CA1368CS	72749	24.38	17896*	32.40	10493*	36.42
02 CA1368CR	55849*	24.37	17925*	32.41	11913*	36.43
03 CA1367C	71423	24.36	20511*	32.43	11852*	36.43
04 CA1370C	73892	24.36	23550	32.42	17677	36.44
05 CA1366C	76438	24.38	24068	32.42	15219	36.44
06 CA1368C	85251	24.42	38528	32.44	26432	36.47
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS4 (PHN) = *1,1-dichloroethane-d10*
 IS5 (CRY) = *1,1-dichloroethane-d8*
 IS6 (PRY) = *1,1-dichloroethane-d12*

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

‡ Column used to flag internal standard area values with an asterisk.

SEMI-VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: _____

Contract: _____

Lab Code: _____

SAS No.: _____

SDG No.: _____

Lab File: _____ 036

Date Analyzed: 11/14/89

Instrument: _____

Time Analyzed: 1703

	IS1(DCB)		IS2(NPT)		IS3(ANT)	
	AREA #	RT	AREA #	RT	AREA #	RT
12 HOUR STD	282541	10.65	535163	14.44	189412	19.88
UPPER LIMIT	565082		1070326		378824	
LOWER LIMIT	141270		267581		94706	
EPA SAMPLE NO.						
01 CA2013C	297822	10.64	604070	14.40	217322	19.87
02 CA1369C	299317	10.64	615196	14.40	219121	19.86
03 CA1369C	330202	10.63	670047	14.39	216996	19.86
04 CA1367C	319126	10.63	617917	14.39	199173	19.86
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS1 (DCB) = m,p-dibenzene-d4
 IS2 (NPT) = m,p-dibenzene-d8
 IS3 (ANT) = 1,2,3,4-tetrahydronaphthalene-d10

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp

Contract: _____

Lab Code: _____ No.: _____

SAS No.: _____

SDG No.: _____

Lab File: _____ 9036

Date Analyzed: 11/14/89

Instrument: _____

Time Analyzed: 1703

	IS4(PHN)	RT	IS5(CRY)	RT	IS6(PRY)	RT
	AREA ‡		AREA ‡		AREA ‡	
12 HOUR STD	187149	24.30	99167	32.32	82054	36.32
UPPER LIMIT	374298		198334		164108	
LOWER LIMIT	93575		49584		41027	
EPA SAMPLE NO.						
01 CA2013C	205685	24.30	107133	32.31	81211	36.29
02 CA1369C	206393	24.29	101316	32.28	79056	36.31
03 CA1365C	188967	24.29	75603	32.30	56106	36.28
04 CA1367C	161562	24.27	63893	32.30	39374	36.30
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

IS4 (PHN) = p,p'-DDE-d10
 IS5 (CRY) = p,p'-DDE-d8
 IS6 (PRY) = p,p'-DDE-d12

UPPER LIMIT = + 100%
 of internal standard area.
 LOWER LIMIT = - 50%
 of internal standard area.

‡ Column used to flag internal standard area values with an asterisk.



ETC

TABULATED RESULTS
NON CLP PARAMETERS



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DEC 20, 1989

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA1371	WASTE MANAGEMENT, INC.	405	WIGWP1A	890918 1515	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

NPDES Number	Results								
	Sample Concn.	MDL							
233	Chloride	mg/l	3.3	1.0					
	Fluoride	mg/l	.1	.1					
	Nitrate as N	mg/l	<.1	.1					
	Phenolics, Total	mg/l	<.050	.050					
	Cyanide, Total	mg/l	.00048	.0100					
	Total Organic Carbon	mg/l	17.9	1.0					
	Total Organic Carbon	mg/l	18.5	1.0					
	Specific Conductance	um/cm	610	10.0					
	Specific Conductance	um/cm	610	10.0					
	pH	std	7.47	-					
	pH	std	7.47	-					
	Nitrite as N	mg/l	<.1	.1					



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DEC 20, 1989

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA1371	WASTE MANAGEMENT, INC.	405	WIGPIA	890918 1515	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Ammonia as N	< .04	.04							
Sulfate as SO4	29.5	5.0							
Bicarbonate as CaCO3	332	5.0							
Carbonate as CaCO3	0	5.0							
Nitrogen, Total Kjeldahl (T	.27	.20							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1371	WASTE MANAGEMENT, INC.	405	WIGMP1A	890918	1515	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.46	-							
pH (Field) std	7.49	-							
pH (Field) std	7.43	-							
pH (Field) std	7.44	-							
Specific Conductance (Field um/cm	600	-							
Specific Conductance (Field um/cm	605	-							
Specific Conductance (Field um/cm	605	-							
Specific Conductance (Field um/cm	607	-							
Temperature Deg. C	11.1	-							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA1372	WASTE MANAGEMENT, INC.	405	WIGWB19RR	890925 1600	2
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

NPDES Number	Results									
	Sample Concn.	MDL								
236	Chloride	mg/l	26.6	1.0						
	Fluoride	mg/l	.2	.1						
	Nitrate as N	mg/l	<.1	.1						
	Phenolics, Total	mg/l	<.050	.050						
	Cyanide, Total	mg/l	.00057	.0100						
	Total Organic Carbon	mg/l	11.9	1.0						
	Total Organic Carbon	mg/l	12.2	1.0						
	Specific Conductance	um/cm	630	10.0						
	Specific Conductance	um/cm	630	10.0						
	pH	std	7.47	-						
	pH	std	7.52	-						
	Nitrite as N	mg/l	<.1	.1						

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA1372	WASTE MANAGEMENT, INC.	405	WIGWB19RR	890925 1600	2
ETC Sample No.	Company	Facility	Sample Point	Date Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Ammonia as N	< .04	.04							
Sulfate as SO4	10.2	5.0							
Bicarbonate as CaCO3	304	10.0							
Carbonate as CaCO3	< 5.0	5.0							
Nitrogen, Total Kjeldahl (T)	.23	.20							
Solids, total dissolved (RO)	397	5							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1372	WASTE MANAGEMENT, INC.	405	WIGWB19RR	890925	1600	2
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.52	-							
pH (Field) std	7.52	-							
pH (Field) std	7.53	-							
pH (Field) std	7.52	-							
Specific Conductance (Field um/cm)	662	-							
Specific Conductance (Field um/cm)	659	-							
Specific Conductance (Field um/cm)	664	-							
Specific Conductance (Field um/cm)	653	-							
Temperature (Field) Deg. C	10.1	-							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA1373	WASTE MANAGEMENT, INC.	405	W1GWP2A	890926 0740	5
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

NPDES Number	Results								
	Sample Concen.	MDL							
239	Chloride	mg/l	42.8	1.0					
	Fluoride	mg/l	.1	.1					
	Nitrate as N	mg/l	8.7	.1					
	Phenolics, Total	mg/l	< .050	.050					
	Cyanide, Total	mg/l	.00056	.0100					
	Total Organic Carbon	mg/l	8.7	1.0					
	Total Organic Carbon	mg/l	8.8	1.0					
	Specific Conductance	um/cm	710	10.0					
	Specific Conductance	um/cm	710	10.0					
	pH	std	7.44	-					
	pH	std	7.47	-					
	Nitrite as N	mg/l	< .1	.1					



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TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1373	WASTE MANAGEMENT, INC.	405	WIGWP2A	890926	0740	5
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Ammonia as N	<.04	.04							
Sulfate as SO4	25.3	5.0							
Bicarbonate as CaCO3	306	10.0							
Carbonate as CaCO3	<5.0	5.0							
Nitrogen, Total Kjeldahl (T)	.43	.20							
Solids, total dissolved (RO)	411	5							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1373	WASTE MANAGEMENT, INC.	405	WIGWP2A	890926	0740	5
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.24	-							
pH (Field) std	7.27	-							
pH (Field) std	7.34	-							
pH (Field) std	7.33	-							
Specific Conductance (Field) um/cm	676	-							
Specific Conductance (Field) um/cm	676	-							
Specific Conductance (Field) um/cm	681	-							
Specific Conductance (Field) um/cm	682	-							
Temperature Deg. C	10.0	-							

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TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1374	WASTE MANAGEMENT, INC.	405	WIGWB7RR	890926	1236	1
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Ammonia as N	<.04	.04							
Sulfate as SO4	<5.0	5.0							
Bicarbonate as CaCO3	374	10.0							
Carbonate as CaCO3	<5.0	5.0							
Nitrogen, Total Kjeldahl (T)	.32	.20							
Solids, total dissolved (RO)	424	5							

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DEC 20, 1989

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1374	WASTE MANAGEMENT, INC.	405	WIGWB7RR	890926	1236	1
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.26	-							
pH (Field) std	7.30	-							
pH (Field) std	7.32	-							
pH (Field) std	7.31	-							
Specific Conductance (Field um/cm	792	-							
Specific Conductance (Field um/cm	785	-							
Specific Conductance (Field um/cm	785	-							
Specific Conductance (Field um/cm	789	-							
Temperature Deg. C	9.0	-							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA1375	WASTE MANAGEMENT, INC.	405	W1GWB9RR	890926	1539 0
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

NPDES Number	Results								
	Sample Concn.	MDL							
245	Chloride	mg/l	76.8	1.0					
	Fluoride	mg/l	.1	.1					
	Nitrate as N	mg/l	<.1	.1					
	Phenolics, Total	mg/l	<.050	.050					
	Cyanide, Total	mg/l	.00084	.0100					
	Total Organic Carbon	mg/l	17.8	1.0					
	Total Organic Carbon	mg/l	18.3	1.0					
	Specific Conductance	um/cm	1530	10.0					
	Specific Conductance	um/cm	1530	10.0					
	pH	std	6.66	-					
	pH	std	6.67	-					
	Nitrite as N	mg/l	<.1	.1					



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TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports

CA1375	WASTE MANAGEMENT, INC.	405	WIGWB9RR	890926	1539	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Ammonia as N	1.46	.04							
Sulfate as SO4	6.25	5.0							
Bicarbonate as CaCO3	820	10.0							
Carbonate as CaCO3	<5.0	5.0							
Nitrogen, Total Kjeldahl (T)	6.51	.20							
Solids, total dissolved (RO)	945	5							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA
Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1375	WASTE MANAGEMENT, INC.	405	WIGWB9RR	890926	1539	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field)	std	6.69	-						
pH (Field)	std	6.71	-						
pH (Field)	std	6.71	-						
pH (Field)	std	6.73	-						
Specific Conductance (Field)	um/cm	1568	-						
Specific Conductance (Field)	um/cm	1561	-						
Specific Conductance (Field)	um/cm	1558	-						
Specific Conductance (Field)	um/cm	1563	-						
Temperature	Deg. C	10.2	-						

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ETC

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1376	WASTE MANAGEMENT, INC.	405	WIGWB9AR	890927	0831	5
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results								
	Sample Concn.	MDL							
248	Chloride	mg/l	90.1	1.0					
	Fluoride	mg/l	.4	.1					
	Nitrate as N	mg/l	<.1	.1					
	Phenolics, Total	mg/l	<.050	.050					
	Cyanide, Total	mg/l	.00089	.0100					
	Total Organic Carbon	mg/l	17.8	1.0					
	Total Organic Carbon	mg/l	18.4	1.0					
	Specific Conductance	um/cm	1530	10.0					
	Specific Conductance	um/cm	1540	10.0					
	pH	std	6.82	-					
	pH	std	6.83	-					
	Nitrite as N	mg/l	<.1	.1					

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1376	WASTE MANAGEMENT, INC.	405	W1GWB9AR	890927	0831	5
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Ammonia as N	.06	.04							
Sulfate as SO4	6.93	5.0							
Bicarbonate as CaCO3	831	10.0							
Carbonate as CaCO3	<5.0	5.0							
Nitrogen, Total Kjeldahl (T)	1.06	.20							
Solids, total dissolved (RO)	927	5							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA1376	WASTE MANAGEMENT, INC.	405	W1GWB9AR	890927 0831	5
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

Parameter	Results									
	Sample Measure	MDL								
pH (Field) std	6.81	-								
pH (Field) std	6.81	-								
pH (Field) std	6.88	-								
pH (Field) std	6.90	-								
Specific Conductance (Field um/cm)	1400	-								
Specific Conductance (Field um/cm)	1424	-								
Specific Conductance (Field um/cm)	1440	-								
Specific Conductance (Field um/cm)	1416	-								
Temperature Deg. C	12.3	-								

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ETC

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1377	WASTE MANAGEMENT, INC.	405	W1GWB12RR	890927	0906	1
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn.	MDL								
251	Chloride	mg/l	2.9	1.0						
	Fluoride	mg/l	.2	.1						
	Nitrate as N	mg/l	1.2	.1						
	Phenolics, Total	mg/l	<.050	.050						
	Cyanide, Total	mg/l	.00091	.0100						
	Total Organic Carbon	mg/l	3.7	1.0						
	Total Organic Carbon	mg/l	4.1	1.0						
	Specific Conductance	um/cm	870	10.0						
	Specific Conductance	um/cm	880	10.0						
	pH	std	6.90	-						
	pH	std	6.91	-						
	Nitrite as N	mg/l	<.1	.1						



ETC

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TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1377	WASTE MANAGEMENT, INC.	405	WIGWB12RR	890927	0906	1
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Ammonia as N	<.04	.04							
Sulfate as SO4	17.3	5.0							
Bicarbonate as CaCO3	524	10.0							
Carbonate as CaCO3	<5.0	5.0							
Nitrogen, Total Kjeldahl (T)	<.20	.20							
Solids, total dissolved (RO)	527	5							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA1377	WASTE MANAGEMENT, INC.	405	W1GWB12RR	890927 0906	1
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	6.87	-							
pH (Field) std	6.97	-							
pH (Field) std	6.96	-							
pH (Field) std	6.98	-							
Specific Conductance (Field um/cm)	844	-							
Specific Conductance (Field um/cm)	838	-							
Specific Conductance (Field um/cm)	833	-							
Specific Conductance (Field um/cm)	833	-							
Temperature Deg. C	11.0	-							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1378	WASTE MANAGEMENT, INC.	405	WIGWB17RR	890927	1503	2
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn.	MDL								
254	Chloride	mg/l	4.4	1.0						
	Fluoride	mg/l	.5	.1						
	Nitrate as N	mg/l	.3	.1						
	Phenolics, Total	mg/l	<.050	.050						
	Cyanide, Total	mg/l	.0016	.0100						
	Total Organic Carbon	mg/l	2.8	1.0						
	Total Organic Carbon	mg/l	2.8	1.0						
	Specific Conductance	um/cm	680	10.0						
	Specific Conductance	um/cm	680	10.0						
	pH	std	7.46	-						
	pH	std	7.47	-						
	Nitrite as N	mg/l	<.1	.1						

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports

CA1378	WASTE MANAGEMENT, INC.	405	WIGWB17RR	890927	1503	2
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results									
	Sample Concn. mg/l	MDL mg/l								
Ammonia as N	<.04	.04								
Sulfate as SO4	21.3	5.0								
Bicarbonate as CaCO3	368	10.0								
Carbonate as CaCO3	<5.0	5.0								
Nitrogen, Total Kjeldahl (T)	.62	.20								
Solids, total dissolved (RO)	462	5								

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA1378	WASTE MANAGEMENT, INC.	405	WIGMB17RR	890927	1503 2
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

Parameter	Results									
	Sample Measure	MDL								
pH (Field)	std	7.45	-							
pH (Field)	std	7.50	-							
pH (Field)	std	7.53	-							
pH (Field)	std	7.55	-							
Specific Conductance (Field)	um/cm	639	-							
Specific Conductance (Field)	um/cm	639	-							
Specific Conductance (Field)	um/cm	636	-							
Specific Conductance (Field)	um/cm	638	-							
Temperature	Deg. C	11.1	-							

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TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA1382	WASTE MANAGEMENT, INC.	405	XFLDBLANK	890927	1400	1
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn.	MDL								
	Chloride mg/l	<1.0	1.0							
	Fluoride mg/l	<.1	.1							
	Nitrate as N mg/l	<.1	.1							
	Phenolics, Total mg/l	<.050	.050							
	Cyanide, Total mg/l	.00013	.0100							
	Total Organic Carbon mg/l	<1.0	1.0							
	Total Organic Carbon mg/l	<1.0	1.0							
	Specific Conductance um/cm	11.7	10.0							
	Specific Conductance um/cm	11.8	10.0							
	pH std	7.98	-							
	pH std	7.99	-							
	Nitrite as N mg/l	<.1	.1							

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TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports

CA1382 WASTE MANAGEMENT, INC.	405	XFLDBLANK	890927 1400	1
ETC Sample No.	Company	Facility	Sample Point	Date Time Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Ammonia as N	<.04	.04							
Sulfate as SO4	<5.0	5.0							
Bicarbonate as CaCO3	<10.0	10.0							
Carbonate as CaCO3	<5.0	5.0							
Nitrogen, Total Kjeldahl (T)	1.07	.20							
Solids, total dissolved (RO)	20	5							

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