

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

(PELA Reference No. 495207)

Appendix G

**Results of Analyses
Soil and Ground-Water Samples**

Volume 3 of 16

Summary Package

**SAMPLES: CA5545-CA5546, CA5601, CA5551-CA5552,
CA5547-CA5550, CA5553-CA5564,
CA5569-CA5570, CA5573-CA5574,
CA5565-CA5567, CA5600**

April 1991



OHM Corporation

ETC Environmental Testing
and Certification Corp.

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>	
CAS545-CAS546, CAS601	WASTE MANAGEMENT, INC.	405					

Richard P. Albert
Vice President, General Manager

is Technical Report is an INSITE™ service generated by LQDESTAR™ Data Management Software.

ETC

SDG NARRATIVE

This technical report submitted by ETC Corporation contains the analytical results and required deliverables for WASTE MANAGEMENT, INC. Site 405 samples as identified below:

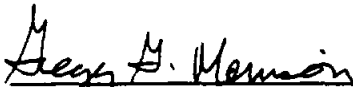
<u>ETC ID</u>	<u>CLIENT ID</u>	<u>ETC ID</u>	<u>CLIENT ID</u>
CA5545	3GWPZ16	CA5601	02TB
CA5546	3GWPZ17		

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

VOLATILES:

(OV70428): Problems were not observed during the analysis of these samples.

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



Gregory G. Morrison
Laboratory Manager

1/8/91

Date



OHM Corporation

ETC Environmental Testing
and Certification Corp.

Summary Package

for

CITY DISPOSAL CORPORATION LANDFILL

Chain of Custody Data Required for ETC Data Management Summary Reports

CA5547-CA5550, CA5553-CA5564 CA5569-CA5570, CA5573-CA5574	WASTE MANAGEMENT, INC.	405						
<i>ETC Sample No.</i>	<i>Company</i>	<i>Facility</i>	<i>Sample Point</i>	<i>Date</i>	<i>Time</i>	<i>Elapsed</i>	<i>Hours</i>	

Richard P. Albert
Vice President, General Manager

This Technical Report is an INSITE™ service generated by LODESTAR™ Data Management Software.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CA5545

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5545U2

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

Lab File ID: >C1887

Level: (low/med) LOW

Date Received: 12/12/90 *KB 12/21/90*

% Moisture: not dec.

Date Analyzed: 12/17/90

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
74-87-3	Chloromethane	10	10
74-83-9	Bromomethane	10	10
75-01-4	Vinyl Chloride	10	10
75-00-3	Chloroethane	10	10
75-09-2	Methylene Chloride	15	10
67-64-1	Acetone	10	10
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)	15	10
67-66-3	Chloroform	15	10
107-06-2	1,2-Dichloroethane	15	10
78-93-3	2-Butanone	10	10
71-55-6	1,1,1-Trichloroethane	15	10
56-23-5	Carbon Tetrachloride	15	10
108-05-4	Vinyl Acetate	10	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	1,1,2-Trichloroethane	15	10
71-43-2	Benzene	15	10
10061-02-6	trans-1,3-Dichloropropene	15	10
75-25-2	Bromoform	15	10
108-10-1	4-Methyl-2-Pentanone	10	10
591-78-6	2-Hexanone	10	10
127-18-4	Tetrachloroethene	15	10
79-34-5	1,1,2,2-Tetrachloroethane	15	10
108-88-3	Toluene	1.000	1.08
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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETENS

Contract: _____

A5545

Lab Code: FZ

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) Water

Lab Sample ID: C A5545U2

Sample wt/vol: 50 (g/mL) mL

Lab File ID: 2C1887

Level: (low/med) Low

Date Received: 12/12/90

% Moisture: not dec. _____

Date Analyzed: 12/17/90

Column: (pack/cap) Pack

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>		Q
	Tetrahydrofuran	10	U	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CA5545

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5545U2

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

Lab File ID: >C1887

Level: (low/med) LOW

Date Received: 12/12/90

% Moisture: not dec.

Date Analyzed: 12/17/90

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 1
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 1066-40-6	Silanol, trimethyl-	15.49	26	0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5546

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA554600

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

Lab File ID: >C1888

Level: (low/med) LOW

Date Received: 12/12/90 *KB*
12/21/90

% Moisture: not dec.

Date Analyzed: 12/17/90

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
74-87-3	Chloromethane	10	10
74-83-9	Bromomethane	10	10
75-01-4	Vinyl Chloride	10	10
75-00-3	Chloroethane	10	10
75-09-2	Methylene Chloride	15	15
67-64-1	Acetone	19	18
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)	15	10
67-66-3	Chloroform	15	10
107-06-2	1,2-Dichloroethane	15	10
78-93-3	2-Butanone	10	10
71-55-6	1,1,1-Trichloroethane	15	10
56-23-5	Carbon Tetrachloride	15	10
108-05-4	Vinyl Acetate	10	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	13	10
124-48-1	Dibromochloromethane	15	10
79-00-5	1,1,2-Trichloroethane	15	10
71-43-2	Benzene	15	10
10061-02-6	trans-1,3-Dichloropropene	15	10
75-25-2	Bromoform	15	10
108-10-1	4-Methyl-2-Pentanone	10	10
591-78-6	2-Hexanone	10	10
127-18-4	Tetrachloroethene	14	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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC NJ

Contract: _____

A5546

Lab Code: F2

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) Water

Lab Sample ID: CA5546V2

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

Lab File ID: ZC888

Level: (low/med) low

Date Received: 12/12/90

% Moisture: not dec. _____

Date Analyzed: 12/17/90

Column: (pack/cap) Pack

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>U/L</u>	Q
	Tetrahydrofuran	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LA5546

Lab Name: ETLNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: LA554602

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

Lab File ID: >C1888

Level: (low/med) LOW

Date Received: 12/12/90

% Moisture: not dec.

Date Analyzed: 12/17/90

Column: (pack/cap) PACK

Dilution Factor: 1.0

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

LA56U1

Lab Name: ETLNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: LA560102

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

Lab File ID: >C1886

Level: (low/med) LOW

Date Received: 12/12/90

% Moisture: not dec.

Date Analyzed: 12/17/90

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
74-87-3	Chloromethane	10	10
74-83-9	Bromomethane	10	10
75-01-4	Vinyl Chloride	10	10
75-00-3	Chloroethane	10	10
75-09-2	Methylene Chloride	15	10
67-64-1	Acetone	10	10
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)	15	10
67-66-3	Chloroform	15	10
107-06-2	1,2-Dichloroethane	15	10
78-93-3	2-Butanone	10	10
71-55-6	1,1,1-Trichloroethane	15	10
56-23-5	Carbon Tetrachloride	15	10
108-05-4	Vinyl Acetate	10	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	1,1,2-Trichloroethane	15	10
71-43-2	Benzene	15	10
10061-02-6	trans-1,3-Dichloropropene	15	10
75-25-2	Bromoform	15	10
108-10-1	4-Methyl-2-Pentanone	10	10
591-78-6	2-Hexanone	10	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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC NS Contract: _____

Lab Code: F2 Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Water Lab Sample ID: CA5601V2

Sample wt/vol: 5 (g/mL) ML Lab File ID: 2C1886

Level: (low/med) low Date Received: 12/12/90

Moisture: not dec. 0 Date Analyzed: 12/17/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	Ug/L
	Tetrahydrofuran	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

LAB601

Lab Name: ETUNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: LAB60102

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

Lab File ID: >C1886

Level: (low/med) LOW

Date Received: 12/15/90 *12 KB 12/21/90*

% Moisture: not dec.

Date Analyzed: 12/17/90

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

	EPA SAMPLE NO.	S1 (TOL)*	S2 (BFB)*	S3 (DCE)*	OTHER	TOT OUT
01	UBLK01	99	98	94		0
02	A5504	91	91	93		0
03	A5512	94	94	94		0
04	UBLK02	99	98	98		0
05	A5601	99	100	97		0
06	A5545	98	100	97		0
07	A5546	99	100	98		0
08	A5546MS	99	103	96		0
09	A5546MSD	99	103	96		0
10	A5497	99	102	99		0
11						
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27						
28						
29						
30						

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

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.: A5546

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	48.459	97	61-145
Trichloroethene	50.000	2.817	52.173	99	71-120
Benzene	50.000	0.000	47.167	94	76-127
Toluene	50.000	0.000	46.161	92	76-125
Chlorobenzene	50.000	0.000	48.623	97	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	50.000	47.006	94	3	14	61-145
Trichloroethene	50.000	50.316	95	4	14	71-120
Benzene	50.000	46.353	93	2	11	76-127
Toluene	50.000	45.210	90	2	13	76-125
Chlorobenzene	50.000	47.639	95	2	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:

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: F2 Case No.: SAS No.: SDG No.:
 Lab File ID: >C1885 Lab Sample ID: UBLK02
 Date Analyzed 12/17/90 Time Analyzed: 1128
 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	A5601	CA5601U2	>C1886	1236
02	A5545	CA5545U2	>C1887	1324
03	A5546	CA5546U2	>C1888	1410
04	A5546MS	CA5546US	>C1889	1457
05	A5546MSD	CA5546UR	>C1890	1543
06	A5497	CA5497U2	>C1891	1630
07				
08				
09				
10				
11				
12				
13				
14				
15				
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19				
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21				
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25				
26				
27				
28				
29				
30				

Comments: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UUBL:02

Lab Name: ETLNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SOB No.:

Matrix: (soil/water) WATER

Lab Sample ID: Q02042802

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

Lab File ID: >C1885

Level: (low/med) LOW

Date Received: 12/17/90
LB 12/21/90

% Moisture: not dec.

Date Analyzed: 12/17/90

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		15	U
67-64-1	Acetone		14	U
75-15-0	Carbon Disulfide		15	U
75-35-4	1,1-Dichloroethene		15	U
75-34-3	1,1-Dichloroethane		15	U
540-59-0	1,2-Dichloroethene (total)		15	U
67-66-3	Chloroform		15	U
107-06-2	1,2-Dichloroethane		15	U
78-93-3	2-Butanone		10	U
71-55-6	1,1,1-Trichloroethane		15	U
56-23-5	Carbon Tetrachloride		15	U
108-05-4	Vinyl Acetate		10	U
75-27-4	Bromodichloromethane		15	U
78-87-5	1,2-Dichloropropane		15	U
10061-01-5	cis-1,3-Dichloropropene		15	U
79-01-6	Trichloroethene		15	U
124-48-1	Dibromochloromethane		15	U
79-00-5	1,1,2-Trichloroethane		15	U
71-43-2	Benzene		15	U
10061-02-6	trans-1,3-Dichloropropene		15	U
75-25-2	Bromoform		15	U
108-10-1	4-Methyl-2-Pentanone		10	U
591-78-6	2-Hexanone		10	U
127-18-4	Tetrachloroethene		15	U
79-34-5	1,1,2,2-Tetrachloroethane		15	U
108-88-3	Toluene		12	U
108-90-7	Chlorobenzene		15	U
100-41-4	Ethylbenzene		15	U
100-42-5	Styrene		15	U
1330-20-7	Xylene (total)		15	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNS Contract: _____

Lab Code: F2 Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) water Lab Sample ID: GL70428V2

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >C1885

Level: (low/med) Low Date Received: 12/17/90

% Moisture: not dec. 0 Date Analyzed: 12/17/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>ug/L</u>
	Tetrahydrofuran	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

IUBI K02

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC7042902

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

Lab File ID: >C1885

Level: (low/med) LOW

Date Received: 12/17/90

% Moisture: not dec.

Date Analyzed: 12/17/90

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >C1876

Data Analyzed: 12/15/90

Instrument ID: GC/MS C

Time Analyzed: 1640

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

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA *		AREA *		AREA *	
12 HOUR STD	57717	10.49	257340	21.34	220550	26.17
UPPER LIMIT	115434		514680		441100	
LOWER LIMIT	28859		128670		110275	
EPA SAMPLE NO.						
01 UBLK01	54232	10.54	237511	21.39	206222	26.20
02 A5504	52997	10.53	230240	21.38	216702	26.20
03 A5512	52068	10.53	218812	21.38	200696	26.19
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
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15						
16						
17						
18						
19						
20						
21						
22						

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.

page 1 of 1

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ Contract: _____
 Lab Code: F2 Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID (Standard): >C1884 Data Analyzed: 12/17/90
 Instrument ID: GC/MS C Time Analyzed: 1040
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) Pack

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA #		AREA #		AREA #	
12 HOUR STD	62372	10.46	282812	21.31	234394	26.17
UPPER LIMIT	124744		565624		468788	
LOWER LIMIT	31186		141406		117197	
EPA SAMPLE NO.						
01 UBLK02	48617	10.57	218428	21.38	187121	26.23
02 A5601	37020	10.69	172744	21.46	149460	26.28
03 A5545	58264	10.65	262496	21.46	228849	26.28
04 A5546	56686	10.65	258164	21.42	224799	26.28
05 A5546MS	57027	10.61	254737	21.43	215445	26.28
06 A5546MSD	56289	10.66	248344	21.47	211743	26.33
07 A5497	54037	10.69	245247	21.51	212639	26.36
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

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.

page 1 of 1

ETC

**TABULATED RESULTS
NON CLP PARAMETERS**

ETC

JAN 8, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA
Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5545	WASTE MANAGEMENT, INC.	405	W3GMPZ16	901211	1150	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results								
	Sample Concn. mg/l	MDL mg/l							
Chloride Fluoride	3.2 .1	1.0 .1							

ETC

JAN 7, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5545	WASTE MANAGEMENT, INC.	405	W3GWPZ16	901211	1150	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	22.6	2.0							
Total Dissolved Solids (TDS)	390	1							
Bicarbonate as CaCO3	328	10							
Carbonate as CaCO3	<10	10							

ETC

JAN 7, 1991

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

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5545	WASTE MANAGEMENT, INC.	405	W3GMPZ16	901211	1150	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field)	std	7.44	-						
pH (Field)	std	7.45	-						
pH (Field)	std	7.45	-						
pH (Field)	std	7.45	-						
Specific Conductance (Field)	um/cm	534	-						
Specific Conductance (Field)	um/cm	534	-						
Specific Conductance (Field)	um/cm	529	-						
Specific Conductance (Field)	um/cm	525	-						
Temperature	Deg. C	9.0	-						
Redox Potential	mv	241	-						

ETC

JAN 8, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5546	WASTE MANAGEMENT, INC.	405	W3GMPZ17	901211	1531	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results								
	Sample Concn. mg/l	MDL mg/l							
Chloride Fluoride	9.4 .2	1.0 .1							

ETC

JAN 7, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5546	WASTE MANAGEMENT, INC.	405	W3GMPZ17	901211	1531	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	37.8	2.0							
Total Dissolved Solids (TDS)	432	1							
Bicarbonate as CaCO3	391	10							
Carbonate as CaCO3	<10	10							

ETC

JAN 7, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
CA5546	WASTE MANAGEMENT, INC.	405	W3GWPZ17	901211	1531	0

Parameter	Results									
	Sample Measure	MDL								
pH (Field) std	7.47	-								
pH (Field) std	7.46	-								
pH (Field) std	7.47	-								
pH (Field) std	7.48	-								
Specific Conductance (Field um/cm	665	-								
Specific Conductance (Field um/cm	665	-								
Specific Conductance (Field um/cm	665	-								
Specific Conductance (Field um/cm	665	-								
Temperature Deg. C	8.5	-								
Redox Potential mv	106	-								



OHM Corporation

ETC Environmental Testing
and Certification Corp.

Summary Package
for
CITY DISPOSAL CORPORATION LANDFILL

Chain of Custody Data Required for ETC Data Management Summary Reports

CA5551-CA5552

WASTE MANAGEMENT, INC. 405

<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>
-----------------------	----------------	-----------------	---------------------	-------------	-------------	----------------------

Richard P. Albert
Vice President, General Manager

This Technical Report is an INSITE™ service generated by LODESTAR™ Data Management Software.

ETC

SDG NARRATIVE

This technical report submitted by ETC Corporation contains the analytical results and required deliverables for WASTE MANAGEMENT, INC. Site 405 samples as identified below:

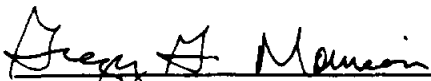
<u>ETC ID</u>	<u>CLIENT ID</u>	<u>ETC ID</u>	<u>CLIENT ID</u>
CA5551	3GWBL	CA5552	3GWLA

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

VOLATILES:

(OV70418): Variable QC matrix spike and matrix spike duplicate recoveries may be attributed to sample matrix interference.

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



Gregory G. Morrison
Laboratory Manager

01/07/91

Date

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5551

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER
KB 12/9/90

Lab Sample ID: CA5551U3

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

Lab File ID: >C1755

Level: (low/med) LOW

Date Received: 11/29/90 *KB*

% Moisture: not dec.

Date Analyzed: 12/06/90 *12/9/90*

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	IU
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		3	IJB
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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETLNS

Contract: _____

A5551

Lab Code: FZ Case No.: _____

SAS No.: _____ SDG No.: _____

Matrix: (soil/water) ^{KB 12/9/90} water

Lab Sample ID: CASS51V3

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

Lab File ID: 2C1755

Level: (low/med) low

Date Received: 11/29/90

Moisture: not dec. _____

Date Analyzed: 12/06/90

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>ug/L</u>
	Tetrahydrofuran		10 U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CA5551

Lab Name: ETCNJ

Contract:

Lab Code: *KB 12/4/90*

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5551U3

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

Lab File ID: >C1755

Level: (low/med) LOW

Date Received: 11/28/90 ²⁹

KB 12/9/90

% Moisture: not dec.

Date Analyzed: 12/06/90

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5552

Lab Name: ETCNJ

Contract:

Lab Code: ~~F2~~ KB 12/9/90

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5552U

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

Lab File ID: >C1713

Level: (low/med) LOW

Date Received: 11/29/90 KB 12/9/90

% Moisture: not dec.

Date Analyzed: 12/03/90

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
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	IU
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-Dichloropropene	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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETZ NJ

Contract: _____

A5552

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

Matrix: (soil/water) ^{KB 12/90} Water

Lab Sample ID: CAS 552V

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

Lab File ID: 2C1713

Level: (low/med) low

Date Received: 11/29/90

Moisture: not dec. _____

Date Analyzed: 12/03/90

Column: (pack/cap) Pack

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>	Q
	Tetrahydrofuran	10	JU KB12/9/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CA5552

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER
KB 12/9/90

Lab Sample ID: CA5552U

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

Lab File ID: >C1713

Level: (low/med) LOW

Date Received: 11/28/90 *24 KB 12/9/90*

% Moisture: not dec.

Date Analyzed: 12/03/90

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 75-69-4	Methane, trichlorofluoro-	9.44	16	J

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAs No.:

SUG No.:

	EPA	S1	S2	S3	OTHER	TOL
SAMPLE NO.	(TOL)#	(BFB)#	(DCE)#			(TOL)
01	A5634	101	106	91		0
02	A5652	102	105	100		0
03	A5635	100	106	98		0
04	A5650	102	106	97		0
05	A5552	89	95	103		0
06	A5600	89	93	97		0
07	A5566	99	104	97		0
08	A5649	92	107	98		0
09	UCLK03	91	92	97		0
10	A5552MS	98	95	90		0
11	A5552MSD	97	94	86		0
12	A5647	93	91	88		0
13	A5565	96	94	90		0
14	A5551	97	96	89		0
15	A5646	95	95	87		0
16	A5649DL	96	95	90		0
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

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

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.: A5552

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	30.466	61 *	61-145
Trichloroethene	50.000	0.000	38.887	78	71-120
Benzene	50.000	0.000	38.566	77	76-127
Toluene	50.000	0.000	35.499	71 *	76-125
Chlorobenzene	50.000	0.000	44.961	90	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	50.000	29.685	59 *	3	14	61-145
Trichloroethene	50.000	40.961	82	5	14	71-120
Benzene	50.000	40.100	80	4	11	76-127
Toluene	50.000	34.878	70 *	2	13	76-125
Chlorobenzene	50.000	47.476	95	5	13	75-130

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

Values outside of limits

PD: 0 out of 5 outside limits

pike Recovery: 4 out of 10 outside limits

omments:

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SUB No.:
 Lab File ID: >C1706 Lab Sample ID: 0BLK01
 Date Analyzed 12/03/90 Time Analyzed: 1410
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: GL/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	A5634	CA5634U	>C1708	1517
02	A5652	CA5652U	>C1709	1602
03	A5635	CA5635U	>C1710	1650
04	A5650	CA5650U	>C1711	1737
05	A5552	CA5552U	>C1713	1912
06	A5600	CA5600U	>C1714	1959
07	A5566	CA5566U	>C1715	2046
08	A5649	CA5649U	>C1716	2133
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID: >C1750 Lab Sample ID: UBLK0:
 Date Analyzed 12/06/90 Time Analyzed: 1724
 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	A5552MS	CA5552US	>C1751	1824
02	A5552MSD	CA5552UR	>C1752	1912
03	A5647	CA5647U3	>C1753	2007
04	A5565	CA5565U3	>C1754	2102
05	A5551	CA5551U3	>C1755	2157
06	A5646	CA5646U3	>C1756	2251
07	A5649DL	CA5649U3	>C1760	U231
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
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23				
24				
25				
26				
27				
28				
29				
30				

Comments: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UBLK01

Lab Name: ETCNJ

Contract:

Lab Code: *E2 KD 12/9/90* Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70418U

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

Lab File ID: >C1706

Level: (low/med) LOW

Date Received: *12/03/90* *KB*

% Moisture: not dec.

Date Analyzed: 12/03/90 *MB*

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
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	5		1U
67-64-1	Acetone	4		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	2-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-Dichloropropene	5		1U
10061-01-5	cis-1,3-Dichloropropene	5		1U
79-01-6	Trichloroethene	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-Dichloropropene	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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC NJ

Contract: _____

VBLK01

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

Matrix: (soil/water) WATER

Lab Sample ID: GC70418V

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

Lab File ID: >C1706

Level: (low/med) LOW

Date Received: 12/03/90

% Moisture: not dec. _____

Date Analyzed: 12/03/90

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>		Q
	Tetrahydrofuran	10	u	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

UBLK01

Lab Name: ETCNJ

Contract:

Lab Code: *F2*
KB 12/1/90

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70418U

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

Lab File ID: >C1706

Level: (low/med) LOW

Date Received: 12/03/90

% Moisture: not dec.

Date Analyzed: 12/03/90

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UBLK03

Lab Name: ETCNJ

Contract:

Lab Code: *P2 KB, 2/9/90* Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70418U3

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

Lab File ID: >C1750

Level: (low/med) LOW

Date Received: *12/04/90*

% Moisture: not dec.

Date Analyzed: *12/06/90*

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
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	IU
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	1.600	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	4	IJ
108-90-7	Chlorobenzene	1	IJ
100-41-4	Ethylbenzene	5	IU
100-42-5	Styrene	5	IU
1330-20-7	Xylene (total)	5	IU

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK03

Lab Name: ETCNS Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: QC70418V

Sample wt/vol: 5 (g/mL) UL Lab File ID: 7C1750

Level: (low/med) LOW Date Received: 12/06/90

Moisture: not dec. _____ Date Analyzed: 12/06/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>	
	Tetrahydrofuran	<u>10</u>	<u>UL</u>

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

UBLK03

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70418U3

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

Lab File ID: >C1750

Level: (low/med) LOW

Date Received: 12/06/90

% Moisture: not dec.

Date Analyzed: 12/06/90

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

BA
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code: *F2*

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >C1705

Data Analyzed: 12/03/90

Instrument ID: GC/MS C

Time Analyzed: 1323

Matrix: (soil/water) WATER Level: (low/med) LOW

Column: (pack/cap) *PACK*

KB 12/4/90

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA #		AREA #		AREA #	
12 HOUR STD	73332	10.60	403111	21.45	367366	26.27
UPPER LIMIT	146664		806222		734732	
LOWER LIMIT	36666		201555		183683	
EPA SAMPLE NO.						
01 UBLK01	67350	10.59	355889	21.44	335862	26.29
02 A5634	63777	10.59	357632	21.44	339162	26.30
03 A5652	45257	10.49	281254	21.41	268474	26.26
04 A5635	51225	10.64	299876	21.44	289026	26.26
05 A5650	58781	10.62	349876	21.43	333501	26.28
06 A5552	55136	10.56	332986	21.37	364626	26.22
07 A5600	58080	10.59	330295	21.40	363832	26.25
08 A5566	58178	10.60	339634	21.41	330838	26.27
09 A5649	57238	10.62	345367	21.42	359335	26.25
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

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.

page 1 of 1

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: ~~72~~ *KD 12/9/90* Case No.: SAS No.: SDG No.:
 Lab File ID (Standard): >C1749 Data Analyzed: 12/06/90
 Instrument ID: GC/MS C Time Analyzed: 1636
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) *PAUK*

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT	AREA #	RT	AREA #	RT
12 HOUR STD	59766	10.60	368045	21.41	334508	26.28
UPPER LIMIT	119532		736090		669016	
LOWER LIMIT	29883		184022		167254	
EPA SAMPLE NO.						
01 UBLK03	41476	10.66	247028	21.43	258376	26.27
02 A5552MS	60064	10.66	364521	21.47	342710	26.29
03 A5552MSD	43492	10.60	251305	21.41	242665	26.23
04 A5647	58554	10.61	331777	21.42	337957	26.26
05 A5565	56072	10.60	335725	21.41	326300	26.26
06 A5551	51552	10.57	289632	21.42	288117	26.27
07 A5646	57998	10.60	318481	21.40	311836	26.26
08 A5649DL	58224	10.60	332501	21.45	320137	26.30
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

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.

page 1 of 1

ETC

**TABULATED RESULTS
NON CLP PARAMETERS**

ETC

JAN 4, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5551	WASTE MANAGEMENT, INC.	405	W3GMBL	901128	1247	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride Fluoride	27.2 .1	1.0 .1								

ETC

DEC 26, 1990

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
CA5551	WASTE MANAGEMENT, INC.	405	W3GWBL	901128	1247	0

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	34	.2							
Total Dissolved Solids (TDS)	490	5							
Bicarbonate as CaCO3	352	10.0							
Carbonate as CaCO3	<10	10							

ETC

DEC 26, 1990

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5551	WASTE MANAGEMENT, INC.	405	W3GMBL	901128	1247	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.29	-							
pH (Field) std	7.28	-							
pH (Field) std	7.30	-							
pH (Field) std	7.31	-							
Specific Conductance (Field um/cm	788	-							
Specific Conductance (Field um/cm	795	-							
Specific Conductance (Field um/cm	742	-							
Specific Conductance (Field um/cm	748	-							
Temperature Deg. C	7.0	-							
Redox Potential mv	294	-							

ETC

JAN 4, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5552	WASTE MANAGEMENT, INC.	405	W3GNLA	901128	1546	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride Fluoride	26.9 .1	1.0 .1								

ETC

DEC 26, 1990

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
CA5552	WASTE MANAGEMENT, INC.	405	W3G/LA	901128	1546	0

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	36	.2							
Total Dissolved Solids (TDS)	438	5							
Bicarbonate as CaCO3	331	10.0							
Carbonate as CaCO3	<10	10							

ETC

DEC 26, 1990

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
CA5552	WASTE MANAGEMENT, INC.	405	W3GMLA	901128	1546	0

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.64	-							
pH (Field) std	7.65	-							
pH (Field) std	7.65	-							
pH (Field) std	7.67	-							
Specific Conductance (Field um/cm	683	-							
Specific Conductance (Field um/cm	685	-							
Specific Conductance (Field um/cm	646	-							
Specific Conductance (Field um/cm	650	-							
Temperature Deg. C	6.5	-							
Redox Potential mv	52	-							

SDG NARRATIVE

This technical report submitted by ETC Corporation contains the analytical results and required deliverables for WASTE MANAGEMENT, INC. Site 405 samples as identified below:

<u>ETC ID</u>	<u>CLIENT ID</u>	<u>ETC ID</u>	<u>CLIENT ID</u>
CA5547	3GWP6A	CA5559	3GWP4C
CA5548	3GWP7A	CA5560	3GWP2B
CA5549	3GWP3B	CA5561	3GWP2A
CA5550	3GWP3C	CA5562	3GWP4B
CA5553	3GW3A	CA5563	3GWP4A
CA5554	3GW3ADUP	CA5564	3GWP4ADUP
CA5555	3GWFB	CA5569	3GWP9A
CA5556	3GWFB	CA5570	3GWP10A
CA5557	3GWP2C	CA5573	3GWB9AR
CA5558	3GWB6RR	CA5574	3GWP1C

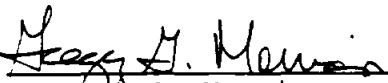
During the preparation and analysis of these samples, the following was observed:

VOLATILES:

(OV70442):

The intact sample or extract for samples CA5562, CA5570 and CA5573 required dilution resulting in elevated method detection limits (MDL's).

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



Gregory G. Morrison
Laboratory Manager

2/6/91

Date

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5547

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5547U

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

Lab File ID: >D2540

Level: (low/med) LOW

Date Received: 1/3/91

% Moisture: not dec.

Date Analyzed: 01/09/91

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		13	IJ
67-64-1	Acetone		10	IU
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-Dichloropropene		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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AP 1/7/91
QASS47

Lab Name: ETC CORP.

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: QASS47

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

Lab File ID: 702540

Level: (low/med) LOW

Date Received: 1/3/91

% Moisture: not dec. _____

Date Analyzed: 1/9/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L 0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	0
	Tetrahydrofuran	10	0

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A5547

Lab Name: ETC Corp. I Laboratory Contract:

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

Matrix: (soil/water) WATER Lab Sample ID: CA5547U

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >D2540

Level: (low/med) LOW Date Received: 1/3/91

% Moisture: not dec. Date Analyzed: 01/09/91

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

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5548

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5548U

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

Lab File ID: >D2541

Level: (low/med) LOW

Date Received: 1/3/91

% Moisture: not dec.

Date Analyzed: 01/09/91

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	7	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	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

5

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AP 1/7/91
2ASS48

Lab Name: ETC CORP. Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: CASS48

Sample wt/vol: 5 (g/mL) ML Lab File ID: 7DES41

Level: (low/med) LOW Date Received: 1/3/91

% Moisture: not dec. _____ Date Analyzed: 1/9/91

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>UG/L</u>
	<u>Tetrahydrofuran</u>		<u>U</u>

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CA5548

Lab Name: ETC Corp. | Laboratory | Contract:

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

Matrix: (soil/water) WATER Lab Sample ID: CA5548U

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >D2541

Level: (low/med) LOW Date Received: 1/2/91

% Moisture: not dec. Date Analyzed: 01/09/91

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

Number TICs found: 1 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 1066-40-6	Silanol, trimethyl-	16.24	11	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5549

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5549U

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

Lab File ID: >02542

Level: (low/med) LDW

Date Received: 1/3/91

% Moisture: not dec.

Date Analyzed: 01/09/91

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	IU
74-83-9	Bromomethane	110	IU
75-01-4	Vinyl Chloride	110	IU
75-00-3	Chloroethane	110	IU
75-09-2	Methylene Chloride	12	IJ
67-64-1	Acetone	110	IU
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	110	IU
71-55-6	1,1,1-Trichloroethane	15	IU
56-23-5	Carbon Tetrachloride	15	IU
108-05-4	Vinyl Acetate	110	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	110	IU
591-78-6	2-Hexanone	110	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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5550

Lab Name: ETC Corp.	Contract:
Lab Code:	Case No.:
Matrix: (soil/water) WATER	SAS No.:
Sample wt/vol: 5.0 (g/mL) ML	SDG No.:
Level: (low/med) LOW	Lab Sample ID: CA5550U
% Moisture: not dec.	Lab File ID: >D2543
Column: (pack/cap) PACK	Date Received: 1/3/91
	Date Analyzed: 01/09/91
	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	IU	
67-64-1-----	Acetone_____	7	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	

2A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC CORP.

Contract: _____

AP 1/17/91
CASSO

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

Matrix: (soil/water) WATER

Lab Sample ID: CASSO

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

Lab File ID: >D2543

Level: (low/med) LOW

Date Received: 1/3/91

% Moisture: not dec. _____

Date Analyzed: 1/9/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>UG/L</u>
	Tetrahydrofuran		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CA5550

Lab Name: ETC Corp. Laboratory Contract:

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

Matrix: (soil/water) WATER

Lab Sample ID: CA5550U

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

Lab File ID: >D2543

Level: (low/med) LOW

Date Received: 1/3/91

% Moisture: not dec.

Date Analyzed: 01/09/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 1066-40-6	Silanol, trimethyl-	16.28	8	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5553

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5553U

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

Lab File ID: >D2544

Level: (low/med) LOW

Date Received: 01/03/91

% Moisture: not dec.

Date Analyzed: 01/10/91

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	IU
74-83-9	Bromomethane		110	IU
75-01-4	Vinyl Chloride		110	IU
75-00-3	Chloroethane		110	IU
75-09-2	Methylene Chloride		15	I
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		110	IU
71-55-6	1,1,1-Trichloroethane		15	IU
56-23-5	Carbon Tetrachloride		15	IU
108-05-4	Vinyl Acetate		110	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		110	IU
591-78-6	2-Hexanone		110	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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC CORP

Contract: _____

1P 4/7/91
CAS53

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: CAS53

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

Lab File ID: >D2S44

Level: (low/med) LOW

Date Received: 1/3/91

Moisture: not dec. _____

Date Analyzed: 1/10/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	g
	<u>Tetrahydrofuran</u>	<u>50</u>	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CA5553

Lab Name: ETC Corp. | Laboratory | Contract:
Lab Code: | Case No.: | SAS No.: | SDG No.:

Matrix: (soil/water) WATER | Lab Sample ID: CA5553U
Sample wt/vol: 5.0 (g/mL) ML | Lab File ID: >D2544
Level: (low/med) LOW | Date Received: 1/3/91
% Moisture: not dec. | Date Analyzed: 01/10/91
Column: (pack/cap) PACK | Dilution Factor: 1.0

Number TICs found: 1 | CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 1066-40-6	Silanol, trimethyl-	16.23	11	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CA5554

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5554U

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

Lab File ID: >D2536

Level: (low/med) LDW

Date Received: 1/3/91

% Moisture: not dec.

Date Analyzed: 01/09/91

Column: (pack/cap) PACK

Dilution Factor: 1

CONCENTRATION UNITS:

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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC CORP.

Contract: _____

AP 1/17/91
BASS54

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: CASS54

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

Lab File ID: >D2536

Level: (low/med) LOW

Date Received: 1/3/91

% Moisture: not dec. _____

Date Analyzed: 1/9/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS; (ug/L or ug/Kg) <u>ug/L</u>	Q
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	Tetrahydrofuran		19

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CA5554

Lab Name: ETC Corp. | Laboratory | Contract:
Lab Code: | Case No.: | SAS No.: | SDG No.:
Matrix: (soil/water) WATER | Lab Sample ID: CA5554U
Sample wt/vol: 5.0 (g/mL) ML | Lab File ID: >D2536
Level: (low/med) LOW | Date Received: 1/3/91
% Moisture: not dec. | Date Analyzed: 01/09/91
Column: (pack/cap) PACK | Dilution Factor: 1.0

Number TICs found: 2 | CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 1066-40-6	Silanol, trimethyl-	16.28	8	J
02.	Chlorinated Unknown	24.34	3	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1A5555

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5555U

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

Lab File ID: >D2545

Level: (low/med) LOW

Date Received: 1/3/91

% Moisture: not dec.

Date Analyzed: 01/10/91

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		13	IJ
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-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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1/17/91
CASSSS

Lab Name: ETC CORP.

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: CASSSS

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

Lab File ID: 7D2545

Level: (low/med) LOW

Date Received: 1/3/91

% Moisture: not dec. _____

Date Analyzed: 1/10/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	
Tetrahydrofuran		10	0

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A5555

Lab Name: ETC Corp. Laboratory: Contract: SDG No.:

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

Matrix: (soil/water) WATER Lab Sample ID: CA5555U

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >D2545

Level: (low/med) LOW Date Received: 1/3/91

% Moisture: not dec. Date Analyzed: 01/10/91

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

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5556

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5556U

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

Lab File ID: >D2539

Level: (low/med) LOW

Date Received: 1/11/91

% Moisture: not dec.

Date Analyzed: 01/09/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
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		16	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		12	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		10	IU
127-18-4	Tetrachloroethene		5	IU
79-34-5	1,1,2,2-Tetrachloroethane		5	IU
108-88-3	Toluene	1.900		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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC CORP.

Contract: _____

01/11/91
CASS56

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

Matrix: (soil/water) WATER

Lab Sample ID: CASS56

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

Lab File ID: 7D2559

Level: (low/med) LOW

Date Received: 1/4/91

% Moisture: not dec. _____

Date Analyzed: 1/9/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS; (ug/L or ug/Kg) <u>µG/L</u>	Q
	<u>Tetrahydrofuran</u>	<u>10</u>	<u>U</u>

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1A5556

Lab Name: ETC Corp. | Laboratory Contract:

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

Matrix: (soil/water) WATER Lab Sample ID: CA5556U

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >D2539

Level: (low/med) LOW Date Received: 1/14/91

% Moisture: not dec. Date Analyzed: 01/09/91

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

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5557

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5557U

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

Lab File ID: >D2546

Level: (low/med) LOW

Date Received: 1/4/91

% Moisture: not dec.

Date Analyzed: 01/10/91

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		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		12	IJ
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		135	I
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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC CORP.

Contract: _____

AP 1/17/91
QAS557

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: QAS557

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

Lab File ID: 7D2546

Level: (low/med) LOW

Date Received: 1/4/91

% Moisture: not dec. _____

Date Analyzed: 1/10/91

Column: (pack/cap) PACK

%Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>	Q
	<u>Tetrahydrofuran</u>	<u>10</u>	<u>U</u>

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A5557

Lab Name: ETC Corp. | Laboratory Contract:

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

Matrix: (soil/water) WATER Lab Sample ID: CA5557U

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: >D2546

Level: (low/med) LOW Date Received: 1/4/91

% Moisture: not dec. Date Analyzed: 01/10/91

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

Number TICs found: 1 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 75-71-8	Methane, dichlorodifluoro-	4.14	17	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5558

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5558U

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

Lab File ID: >D2547

Level: (low/med) LOW

Date Received: 1/4/91

% Moisture: not dec.

Date Analyzed: 01/10/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
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	8	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	2	IJ
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	14	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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC CORP Contract: _____

NP 1/7/91
245558

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

Matrix: (soil/water) WATER Lab Sample ID: CAS558

Sample wt/vol: 5 (g/mL) ML Lab File ID: >D2547

Level: (low/med) LOW Date Received: 1/4/91

% Moisture: not dec. _____ Date Analyzed: 1/10/91

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

CAS NO.	COMPOUND	CONCENTRATION UNITS;	
		(ug/L or ug/Kg)	<u>MG/L</u>
	<u>Tetrahydrofuran</u>	<u>10</u>	<u>U</u>

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5559

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5559U

Sample wt/vol: .3 (g/mL) ML

Lab File ID: C2127

Level: (low/med) LOW

Date Received: 01/4/91

% Moisture: not dec.

Date Analyzed: 01/11/91

Column: (pack/cap) PACK

Dilution Factor: 20

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3-----	Chloromethane_____	200	1U
74-83-9-----	Bromomethane_____	200	1U
75-01-4-----	Vinyl Chloride_____	200	1U
75-00-3-----	Chloroethane_____	200	1U
75-09-2-----	Methylene Chloride_____	100	1U
67-64-1-----	Acetone_____	200	1U
75-15-0-----	Carbon Disulfide_____	100	1U
75-35-4-----	1,1-Dichloroethene_____	100	1U
75-34-3-----	1,1-Dichloroethane_____	100	1U
540-59-0-----	1,2-Dichloroethene (total)_____	100	1U
67-66-3-----	Chloroform_____	100	1U
107-06-2-----	1,2-Dichloroethane_____	100	1U
78-93-3-----	2-Butanone_____	200	1U
71-55-6-----	1,1,1-Trichloroethane_____	100	1U
56-23-5-----	Carbon Tetrachloride_____	100	1U
108-05-4-----	Vinyl Acetate_____	200	1U
75-27-4-----	Bromodichloromethane_____	100	1U
78-87-5-----	1,2-Dichloropropane_____	100	1U
10061-01-5-----	cis-1,3-Dichloropropene_____	100	1U
79-01-6-----	Trichloroethene_____	100	1U
124-48-1-----	Dibromochloromethane_____	100	1U
79-00-5-----	1,1,2-Trichloroethane_____	100	1U
71-43-2-----	Benzene_____	100	1U
10061-02-6-----	trans-1,3-Dichloropropene_____	100	1U
75-25-2-----	Bromoform_____	100	1U
108-10-1-----	4-Methyl-2-Pentanone_____	200	1U
591-78-6-----	2-Hexanone_____	200	1U
127-18-4-----	Tetrachloroethene_____	100	1U
79-34-5-----	1,1,2,2-Tetrachloroethane_____	100	1U
108-88-3-----	Toluene_____	100	1U
108-90-7-----	Chlorobenzene_____	100	1U
100-41-4-----	Ethylbenzene_____	52	1J
100-42-5-----	Styrene_____	100	1U
1330-20-7-----	Xylene (total)_____	50	1J

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: CA5559V

Sample wt/vol: 0.25 (g/mL) ML Lab File ID: 70287

Level: (low/med) LOW Date Received: 1/4/91

% Moisture: not dec. _____ Date Analyzed: 1/11/91

Column: (pack/cap) PACK Dilution Factor: 20

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>		g
	<u>Tetrahydrofuran</u>	<u>1500</u>		

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CA5559

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5559U

Sample wt/vol: .3 (g/mL) ML

Lab File ID: C02107

Level: (low/med) LOW

Date Received: 01/4/91

% Moisture: not dec.

Date Analyzed: 01/11/91

Column: (pack/cap) PACK

Dilution Factor: 20.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1A5560

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5560U2

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

Lab File ID: >D2562

Level: (low/med) LDW

Date Received: 1/4/91

% Moisture: not dec.

Date Analyzed: 01/10/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
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		IJ
67-64-1	Acetone	14		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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

AP 1/17/91
8AS560

Lab Name: ETC CORP.

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: 8AS560

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

Lab File ID: 7D2562

Level: (low/med) LOW

Date Received: 1/4/91

% Moisture: not dec. _____

Date Analyzed: 1/10/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	
			g
	Tetrahydrofuran	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1A5560

Lab Name: ETC Corp. 1 Laboratory Contract:

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

Matrix: (soil/water) WATER

Lab Sample ID: CA5560U2

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

Lab File ID: >D2562

Level: (low/med) LOW

Date Received: 1/4/91

% Moisture: not dec.

Date Analyzed: 01/10/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01.	Unknown	21.01	3	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5561

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5561U2

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

Lab File ID: >D2563

Level: (low/med) LDW

Date Received: 1/4/91

% Moisture: not dec.

Date Analyzed: 01/10/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
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		I
67-64-1	Acetone	10		IU
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

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: CASS61
 Sample wt/vol: 5 (g/mL) ML Lab File ID: 7D2S63
 Level: (low/med) LOW Date Received: 1/4/91
 % Moisture: not dec. _____ Date Analyzed: 1/10/91
 Column: (pack/cap) PACK Dilution Factor: 1

AP 4/7/91
CASS61

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
	Tetrahydrofuran	10	0

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A5561

Lab Name: ETC Corp. | Laboratory | Contract:
Lab Code: | Case No.: | SAS No.: | SDG No.:
Matrix: (soil/water) WATER | Lab Sample ID: CA5561U2
Sample wt/vol: 5.0 (g/mL) ML | Lab File ID: >D2563
Level: (low/med) LOW | Date Received: 1/4/91
% Moisture: not dec. | Date Analyzed: 01/10/91
Column: (pack/cap) PACK | Dilution Factor: 1.0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01.	Unknown	21.06	4	J
02. 75-69-4	Methane, trichlorofluoro-	10.24	5	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1A5562

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5562U2

Sample wt/vol: .5 (g/mL) ML

Lab File ID: >D2553

Level: (low/med) LOW

Date Received: 1/4/91

% Moisture: not dec.

Date Analyzed: 01/10/91

Column: (pack/cap) PACK

Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane		100	U
74-83-9	Bromomethane		100	U
75-01-4	Vinyl Chloride		110	
75-00-3	Chloroethane		100	U
75-09-2	Methylene Chloride		36	J
67-64-1	Acetone		6600	E
75-15-0	Carbon Disulfide		50	U
75-35-4	1,1-Dichloroethene		50	U
75-34-3	1,1-Dichloroethane		50	U
540-59-0	1,2-Dichloroethene (total)		300	
67-66-3	Chloroform		50	U
107-06-2	1,2-Dichloroethane		50	U
78-93-3	2-Butanone		17000	E
71-55-6	1,1,1-Trichloroethane		50	U
56-23-5	Carbon Tetrachloride		50	U
108-05-4	Vinyl Acetate		100	U
75-27-4	Bromodichloromethane		50	U
78-87-5	1,2-Dichloropropane		50	U
10061-01-5	cis-1,3-Dichloropropene		50	U
79-01-6	Trichloroethene		50	U
124-48-1	Dibromochloromethane		50	U
79-00-5	1,1,2-Trichloroethane		50	U
71-43-2	Benzene		50	U
10061-02-6	trans-1,3-Dichloropropene		50	U
75-25-2	Bromoform		50	U
108-10-1	4-Methyl-2-Pentanone		300	
591-78-6	2-Hexanone		100	U
127-18-4	Tetrachloroethene		50	U
79-34-5	1,1,2,2-Tetrachloroethane		50	U
108-88-3	Toluene		2400	E
108-90-7	Chlorobenzene		50	U
100-41-4	Ethylbenzene		96	
100-42-5	Styrene		50	U
1330-20-7	Xylene (total)		190	

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: CASS62

Sample wt/vol: _____ (g/mL) _____ Lab File ID: >D9553

Level: (low/med) LOW Date Received: 1/11/91

% Moisture: not dec. _____ Date Analyzed: 1/10/91

Column: (pack/cap) PACK Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) <u>ug/L</u>	Q
	Tetrahydrofuran	29000	E

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A5562

Lab Name: ETC Corp. Laboratory Contract: _____
 Lab Code: Case No.: SAS No.: SDG No.:
 Matrix: (soil/water) WATER Lab Sample ID: CA5562U2
 Sample wt/vol: .5 (g/mL) ML Lab File ID: >D2553
 Level: (low/med) LOW Date Received: 1/4/91
 % Moisture: not dec. Date Analyzed: 01/10/91
 Column: (pack/cap) PACK Dilution Factor: 10.0

Number TICs found: 4
 CONCENTRATION UNITS:
 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01. 78-92-2	2-Butanol	15.26	1200	J
02. 67-63-0	2-Propanol	10.29	500	J
03. 107-87-9	2-Pentanone	19.41	150	J
04. 6032-29-7	2-Pentanol	20.41	48	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5562 DL

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5562U4

Sample wt/vol: .025 (g/mL) ML

Lab File ID: >D2581

Level: (low/med) LDW

Date Received: 1/4/91

% Moisture: not dec.

Date Analyzed: 01/13/91

Column: (pack/cap) PACK

Dilution Factor: 200

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	Chloromethane		2000	IU D
74-83-9	Bromomethane		2000	IU
75-01-4	Vinyl Chloride		2000	IU
75-00-3	Chloroethane		2000	IU
75-09-2	Methylene Chloride		290	IJ
67-64-1	Acetone		5200	
75-15-0	Carbon Disulfide		1000	IU
75-35-4	1,1-Dichloroethene		1000	IU
75-34-3	1,1-Dichloroethane		1000	IU
540-59-0	1,2-Dichloroethene (total)		1000	IU
67-66-3	Chloroform		1000	IU
107-06-2	1,2-Dichloroethane		1000	IU
78-93-3	2-Butanone		13000	
71-55-6	1,1,1-Trichloroethane		1000	IU
56-23-5	Carbon Tetrachloride		1000	IU
108-05-4	Vinyl Acetate		2000	IU
75-27-4	Bromodichloromethane		1000	IU
78-87-5	1,2-Dichloropropane		1000	IU
10061-01-5	cis-1,3-Dichloropropene		1000	IU
79-01-6	Trichloroethene		1000	IU
124-48-1	Dibromochloromethane		1000	IU
79-00-5	1,1,2-Trichloroethane		1000	IU
71-43-2	Benzene		1000	IU
10061-02-6	trans-1,3-Dichloropropene		1000	IU
75-25-2	Bromoform		1000	IU
108-10-1	4-Methyl-2-Pentanone		2000	IU
591-78-6	2-Hexanone		2000	IU
127-18-4	Tetrachloroethene		1000	IU
79-34-5	1,1,2,2-Tetrachloroethane		1000	IU
108-88-3	Toluene		1800	
108-90-7	Chlorobenzene		1000	IU
100-41-4	Ethylbenzene		1000	IU
100-42-5	Styrene		1000	IU
1330-20-7	Xylene (total)		170	IJ

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RP 4/7/91
BA5562

Lab Name: ETC CORP. Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: CA5562

Sample wt/vol: 0.025 (g/mL) ML Lab File ID: >D5581

Level: (low/med) LOW Date Received: 1/4/91

% Moisture: not dec. _____ Date Analyzed: 1/13/91

Column: (pack/cap) PACK Dilution Factor: 200

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
	Tetrahydrofuran	12000	D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5563

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5563U

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

Lab File ID: C2125

Level: (low/med) LOW

Date Received: 01/4/91

% Moisture: not dec.

Date Analyzed: 01/11/91

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		10	1U
75-09-2	Methylene Chloride		15	1U
67-64-1	Acetone		10	1U
75-15-0	Carbon Disulfide		15	1U
75-35-4	1,1-Dichloroethene		15	1U
75-34-3	1,1-Dichloroethane		15	1U
540-59-0	1,2-Dichloroethene (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		13	1U
124-48-1	Dibromochloromethane		15	1U
79-00-5	1,1,2-Trichloroethane		15	1U
71-43-2	Benzene		15	1U
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		15	1U
100-42-5	Styrene		15	1U
1330-20-7	Xylene (total)		15	1U

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: CASS63V
 Sample wt/vol: 5 (g/mL) ML Lab File ID: 7C2125
 Level: (low/med) LOW Date Received: 1/4/91
 % Moisture: not dec. _____ Date Analyzed: 1/11/91
 Column: (pack/cap) PACK Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/L
	Tetrahydrofuran	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

CA5563

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5563U

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

Lab File ID: C02125

Level: (low/med) LOW

Date Received: 01/4/91

% Moisture: not dec.

Date Analyzed: 01/11/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5564

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5564U2

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

Lab File ID: >D2556

Level: (low/med) LOW

Date Received: 1/4/91

% Moisture: not dec.

Date Analyzed: 01/10/91

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	IU
67-64-1	Acetone	10	IU
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	12	IJ
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

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A5564

Lab Name: ETC Corp.	Laboratory	Contract:	
Lab Code:	Case No.:	SAS No.:	SDG No.:
Matrix: (soil/water)	WATER	Lab Sample ID:	CA5564U2
Sample wt/vol:	5.0 (g/mL) ML	Lab File ID:	D2556
Level: (low/med)	LOW	Date Received:	1/4/91
% Moisture:	not dec.	Date Analyzed:	01/10/91
Column: (pack/cap)	PACK	Dilution Factor:	1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5569

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5569U2

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

Lab File ID: >D2557

Level: (low/med) LOW

Date Received: 1/4/91

% Moisture: not dec.

Date Analyzed: 01/10/91

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	IU
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-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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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5570

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5570U4

Sample wt/vol: .1 (g/mL) ML

Lab File ID: >D2582

Level: (low/med) LDW

Date Received: 1/4/91

% Moisture: not dec.

Date Analyzed: 01/13/91

Column: (pack/cap) PACK

Dilution Factor: 50

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	Chloromethane		500	IU
74-83-9	Bromomethane		500	IU
75-01-4	Vinyl Chloride		500	IU
75-00-3	Chloroethane		500	IU
75-09-2	Methylene Chloride		190	IJ
67-64-1	Acetone		130	IJ
75-15-0	Carbon Disulfide		250	IU
75-35-4	1,1-Dichloroethene		250	IU
75-34-3	1,1-Dichloroethane		250	IU
540-59-0	1,2-Dichloroethene (total)		250	IU
67-66-3	Chloroform		250	IU
107-06-2	1,2-Dichloroethane		250	IU
78-93-3	2-Butanone		500	IU
71-55-6	1,1,1-Trichloroethane		250	IU
56-23-5	Carbon Tetrachloride		250	IU
108-05-4	Vinyl Acetate		500	IU
75-27-4	Bromodichloromethane		250	IU
78-87-5	1,2-Dichloropropane		250	IU
10061-01-5	cis-1,3-Dichloropropene		250	IU
79-01-6	Trichloroethene		250	IU
124-48-1	Dibromochloromethane		250	IU
79-00-5	1,1,2-Trichloroethane		250	IU
71-43-2	Benzene		250	IU
10061-02-6	trans-1,3-Dichloropropene		250	IU
75-25-2	Bromoform		250	IU
108-10-1	4-Methyl-2-Pentanone		500	IU
591-78-6	2-Hexanone		500	IU
127-18-4	Tetrachloroethene		250	IU
79-34-5	1,1,2,2-Tetrachloroethane		250	IU
108-88-3	Toluene		250	IU
108-90-7	Chlorobenzene		250	IU
100-41-4	Ethylbenzene		250	IU
100-42-5	Styrene		250	IU
1330-20-7	Xylene (total)		250	IU

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: CAS570
Sample wt/vol: 0.1 (g/mL) ML Lab File ID: 7D2582
Level: (low/med) LOW Date Received: 1/4/91
% Moisture: not dec. _____ Date Analyzed: 1/13/91
Column: (pack/cap) PACK Dilution Factor: 50

AP 1/16/91
8455270

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>	g
	Tetrahydrofuran	<u>5900</u> <small>1/2/91</small>	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1A5570

Lab Name: ETC Corp. 1 Laboratory Contract:

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

Matrix: (soil/water) WATER Lab Sample ID: CA5570U4

Sample wt/vol: .1 (g/mL) ML Lab File ID: >D2582

Level: (low/med) LOW Date Received: 1/4/91

% Moisture: not dec. Date Analyzed: 01/13/91

Column: (pack/cap) PACK Dilution Factor: 50.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CA5573

Lab Name: ETC Corp. Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: CA5573U4

Sample wt/vol: 2.5 (g/mL) ML Lab File ID: >D2583

Level: (low/med) LOW Date Received: 1/4/91

% Moisture: not dec. Date Analyzed: 01/13/91

Column: (pack/cap) PACK Dilution Factor: 2

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
74-87-3	Chloromethane	120	1U	
74-83-9	Bromomethane	120	1U	
75-01-4	Vinyl Chloride	120	1U	
75-00-3	Chloroethane	15	1J	
75-09-2	Methylene Chloride	18	1J	
67-64-1	Acetone	120	1U	
75-15-0	Carbon Disulfide	110	1U	
75-35-4	1,1-Dichloroethene	110	1U	
75-34-3	1,1-Dichloroethane	111		
540-59-0	1,2-Dichloroethene (total)	110	1U	
67-66-3	Chloroform	110	1U	
107-06-2	1,2-Dichloroethane	110	1U	
78-93-3	2-Butanone	120	1U	
71-55-6	1,1,1-Trichloroethane	110	1U	
56-23-5	Carbon Tetrachloride	110	1U	
108-05-4	Vinyl Acetate	120	1U	
75-27-4	Bromodichloromethane	110	1U	
78-87-5	1,2-Dichloropropane	110	1U	
10061-01-5	cis-1,3-Dichloropropene	110	1U	
79-01-6	Trichloroethene	110	1U	
124-48-1	Dibromochloromethane	110	1U	
79-00-5	1,1,2-Trichloroethane	110	1U	
71-43-2	Benzene	17	1J	
10061-02-6	trans-1,3-Dichloropropene	110	1U	
75-25-2	Bromoform	110	1U	
108-10-1	4-Methyl-2-Pentanone	120	1U	
591-78-6	2-Hexanone	120	1U	
127-18-4	Tetrachloroethene	110	1U	
79-34-5	1,1,2,2-Tetrachloroethane	110	1U	
108-88-3	Toluene	110	1U	
108-90-7	Chlorobenzene	110	1U	
100-41-4	Ethylbenzene	110	1U	
100-42-5	Styrene	110	1U	
1330-20-7	Xylene (total)	12	1J	

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: CAS573
 Sample wt/vol: 2.5 (g/mL) ML Lab File ID: 7D2583
 Level: (low/med) LOW Date Received: 1/4/91
 % Moisture: not dec. _____ Date Analyzed: 1/13/91
 Column: (pack/cap) PACK Dilution Factor: 2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>	g
Tetrahydrofuran		160	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1A5573

Lab Name: ETC Corp. | Laboratory Contract:

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

Matrix: (soil/water) WATER Lab Sample ID: CA5573U4

Sample wt/vol: 2.5 (g/mL) ML Lab File ID: >D2583

Level: (low/med) LOW Date Received: 1/4/91

% Moisture: not dec. Date Analyzed: 01/13/91

Column: (pack/cap) PACK Dilution Factor: 2.0

Number TICs found: 3 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q
01.	Unknown	2.51	42	J
02. 60-29-7	Ethyl ether (8CI)	13.52	22	J
03. 75-43-4	Methane, dichlorofluoro-	7.13	14	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CA5574

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5574U

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

Lab File ID: NC2126

Level: (low/med) LOW

Date Received: 01/4/91

% Moisture: not dec.

Date Analyzed: 01/11/91

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		10	1U
75-09-2	Methylene Chloride		30	1
67-64-1	Acetone		10	1U
75-15-0	Carbon Disulfide		5	1U
75-35-4	1,1-Dichloroethene		5	1U
75-34-3	1,1-Dichloroethane		19	1
540-59-0	1,2-Dichloroethene (total)		12	1J
67-66-3	Chloroform		5	1U
107-06-2	1,2-Dichloroethane		5	1U
78-93-3	2-Butanone		10	1U
71-55-6	1,1,1-Trichloroethane		13	1J
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-Dichloropropene		5	1U
79-01-6	Trichloroethene		14	1
124-48-1	Dibromochloromethane		5	1U
79-00-5	1,1,2-Trichloroethane		5	1U
71-43-2	Benzene		12	1J
10061-02-6	trans-1,3-Dichloropropene		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		100	1
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

LA
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC CORP

Contract: _____

ASS74

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: CASS74V

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

Lab File ID: 702126

Level: (low/med) LOW

Date Received: 1/4/91

% Moisture: not dec. _____

Date Analyzed: 1/11/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>ug/L</u>

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>ug/L</u>
	Tetrahydrofuran	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1A5574

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA55740

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

Lab File ID: C2126

Level: (low/med) LOW

Date Received: 01/4/91

% Moisture: not dec.

Date Analyzed: 01/11/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	D
01. 75-43-4	Methane, dichlorofluoro-	6.13	15	0

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: ETC Corp. Laboratory Contract:
 Lab Code: Case No.: SAS No.: SDG No.:

	EPA SAMPLE NO.	S1 (TOL)*	S2 (BFB)*	S3 (DCE)*	OTHER	TOT (OUT)
01	UCLK01	98	98	104		0
02	A5554	98	98	104		0
03	A5554MS	99	95	98		0
04	A5554MSD	98	95	104		0
05	A5556	98	94	99		0
06	A5547	99	95	106		0
07	A5548	101	89	92		0
08	A5549	100	90	77		0
09	A5550	99	89	76 *		0
10	A5553	98	89	95 AP 1/16/91		0
11	A5555	100	89	98		0
12	A5557	100	88	94		0
13	A5558	99	90	90		0
14	UCLK02	99	98	98		0
15	A5562	100	96	93		0
16	A5564	99	96	97		0
17	A5569	100	97	97		0
18	A5560	100	97	97		0
19	A5561	99	97	112		0
20	UCLK03 ^u	100	99	88		0
21	A5562 ^u	100	97	86		0
22	A5570	102	99	99		0
23	A5573	100	97	102		0
24	A5602	101	98	96		0
25	A5575	101	95	88		0
26	UCLK05	97	98	100		0
27	A5576	96	96	101		0
28						
29						
30						

AP 1/16/91

QC LIMITS
 (88-110)
 (86-115)
 (76-114)

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

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

	EPA SAMPLE NO.	S1 (TOL)*	S2 (BFB)*	S3 (DCE)*	OTHER	TOT OUT
01	UBLK01	100	99	97		0
02	A5563	98	97	98		0
03	A5574	98	99	97		0
04	A5559	99	100	101		0
05	A5580	102	99	97		0
06	A5581	97	97	98		0
07	A5582	96	96	99		0
08	A5603	96	98	100		0
09	A5594	98	99	97		0
10	A5595	107	106	98		0
11	UBLK02	107	107	93		0
12	A5805	78 *	78 *	92		2
13	A5599	76 *	76 *	93		2
14	A5806	84 *	84 *	94		2
15	A5591	75 *	75 *	91		2
16	A5805RE	77 *	76 *	90		2
17	A5806RE	78 *	76 *	92		2
18	A5591RE	78 *	78 *	91		2
19	UBLK03	98	110	96		0
20	A5599MS	105	117 *	96		1
21	A5599MSD	128 *	144 *	94		2
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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

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 Sample No.: A5554

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	41.687	83	161-145
Trichloroethene	50.000	0.000	44.717	89	171-120
Benzene	50.000	0.000	43.741	87	176-127
Toluene	50.000	0.000	43.212	86	176-125
Chlorobenzene	50.000	1.044	44.847	88	175-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	MSD % RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	50.000	38.279	77	9	14 161-145
Trichloroethene	50.000	44.832	90	0	14 171-120
Benzene	50.000	44.356	89	1	11 176-127
Toluene	50.000	43.838	88	1	13 176-125
Chlorobenzene	50.000	45.137	88	1	13 175-130

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

Values outside of limits

SD: 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: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.: A5599

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	49.764	100	61-145
Trichloroethene	50.000	39.067	101.272	24 *	71-120
Benzene	50.000	0.000	45.558	91	76-127
Toluene	50.000	0.000	56.933	114	76-125
Chlorobenzene	50.000	0.000	9.432	19 *	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	REC.
1,1-Dichloroethene	50.000	45.417	91	9	14	61-145
Trichloroethene	50.000	99.757	21 *	13	14	71-120
Benzene	50.000	45.419	91	0	11	76-127
Toluene	50.000	65.130	130 *	13	13	76-125
Chlorobenzene	50.000	49.348	99	136 *	13	75-130

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

- Values outside of limits

RPD: 1 out of 5 outside limits

Spike Recovery: 4 out of 10 outside limits

Comments:

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID: >C2124 Lab Sample ID: UBLK01
 Date Analyzed 01/11/91 Time Analyzed: 1304
 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	A5563	CA5563U	>C2125	1410
02	A5574	CA5574U	>C2126	1500
03	A5559	CA5559U	>C2127	1549
04	A5580	CA5580U	>C2133	2012
05	A5581	CA5581U	>C2134	2100
06	A5582	CA5582U	>C2135	2149
07	A5603	CA5603U	>C2136	2237
08	A5594	CA5594U	>C2137	2325
09	A5595	CA5595U	>C2138	0014
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Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETCNJ Contract: _____
 Lab Code: _____ Case No.: _____ GAS No.: _____ SDG No.: _____
 Lab File ID: 00011 Lab Sample ID: US0103
 Date Analyzed: 01/19/91 Time Analyzed: 1626
 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	A5599MS	CA5599US	002215	2024
02	A5599MSD	CA5599UR	002216	2112
03				
04				
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Comments: _____

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44
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp. Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID: >D2534 Lab Sample ID: VBLK01
 Date Analyzed 01/09/91 Time Analyzed: 1716
 Matrix: (soil/water) WATER 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	A5554	CA5554U	>D2536	1825
02	A5554MS	CA5554US	>D2537	1910
03	A5554MSD	CA5554UR	>D2538	1953
04	A5556	CA5556U	>D2539	2037
05	A5547	CA5547U	>D2540	2120
06	A5548	CA5548U	>D2541	2203
07	A5549	CA5549U	>D2542	2247
08	A5550	CA5550U	>D2543	2331
09	A5553	CA5553U	>D2544	0015
10	A5555	CA5555U	>D2545	0057
11	A5557	CA5557U	>D2546	0141
12	A5558	CA5558U	>D2547	0225
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Comments:

Page 1 of 1

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1/87 Rev.

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETC Corp. Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID: >D2550 Lab Sample ID: UBLK02
 Date Analyzed 01/10/91 Time Analyzed: 1054
 Matrix: (soil/water) WATER 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	A5562	CA5562U2	>D2553	1355
02	A5564	CA5564U2	>D2556	1614
03	A5569	CA5569U2	>D2557	1719
04	A5560	CA5560U2	>D2562	2114
05	A5561	CA5561U2	>D2563	2202
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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: >D2580

Lab Sample ID: UBLK0⁴

Date Analyzed 01/13/91

Time Analyzed: 1302

NP 1/23/91

Matrix: (soil/water) WATER

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	A5562	CA5562U4	>D2581	1359
02	A5570	CA5570U4	>D2582	1446
03	A5573	CA5573U4	>D2583	1533
04	A5602	CA5602U4	>D2584	1620
05	A5575	CA5575U4	>D2585	1706
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Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UUBLK01

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70442U

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

Lab File ID: >D2534

Level: (low/med) LOW

Date Received: 01/09/91

% Moisture: not dec.

Date Analyzed: 01/09/91

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
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	3		1J
67-64-1	Acetone	10		1U
75-15-0	Carbon Disulfide	5		1U
75-35-4	1,1-Dichloroethene	5		1U
75-34-3	1,1-Dichloroethane	5		1U
540-59-0	1,2-Dichloroethene (total)	5		1U
67-66-3	Chloroform	5		1U
107-06-2	1,2-Dichloroethane	5		1U
78-93-3	2-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-Dichloropropene	5		1U
79-01-6	Trichloroethene	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-Dichloropropene	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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

UUBLK01

Lab Name: ETC Corp. I Laboratory Contract:

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

Matrix: (soil/water) WATER

Lab Sample ID: QC70442U

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

Lab File ID: >D2534

Level: (low/med) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 01/09/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK02

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70442U2

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

Lab File ID: >D2550

Level: (low/med) LOW

Date Received: 01/10/91

% Moisture: not dec.

Date Analyzed: 01/10/91

Column: (pack/cap) PACK

Dilution Factor: 1

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

CAS NO.	COMPOUND	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	16	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

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: QC7044EV2
 Sample wt/vol: 5 (g/mL) mL Lab File ID: 7D2550
 Level: (low/med) LOW Date Received: 4/10/91 APR 10 1991
 % Moisture: not dec. _____ Date Analyzed: 1/10/91
 Column: (pack/cap) PACK Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u>	Q
	<u>Tetrahydrofuran</u>	<u>10</u>	<u>U</u>

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

UBLK02

Lab Name: ETC Corp. | Laboratory | Contract:

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

Matrix: (soil/water) WATER | Lab Sample ID: QC7044202

Sample wt/vol: 5.0 (g/mL) ML | Lab File ID: >D2550

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

% Moisture: not dec. | Date Analyzed: 01/10/91

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

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

IVBLK0X⁴
AP 1/23/91

Lab Name: ETC Corp.

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC704420X⁴
AP 1/23/91

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

Lab File ID: >D2580

Level: (low/med) LOW

Date Received: 01/13/91

% Moisture: not dec.

Date Analyzed: 01/13/91

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	IU
67-64-1	Acetone		10	IU
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

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: QCT0442N4

Sample wt/vol: S (g/mL) ML Lab File ID: 7D9580

Level: (low/med) LOW Date Received: 1/13/91

% Moisture: not dec. _____ Date Analyzed: 1/13/91

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

VBKCS⁴ AP 1/28/91

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	ug/L
	Tetrahydrofuran	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

DUBLK03⁴
01/13/91

Lab Name: ETC Corp. 1 Laboratory Contract:

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

Matrix: (soil/water) WATER

Lab Sample ID: QC7044203⁴
01/13/91

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

Lab File ID: >D2580

Level: (low/med) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 01/13/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UUBLK01

Lab Name: ETCND

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: DC70443U

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

Lab File ID: C2124

Level: (low/med) LOW

Date Received: 01/04/91

% Moisture: not dec.

Date Analyzed: 01/11/91

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	15	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	15	U
75-35-4	1,1-Dichloroethene	15	U
75-34-3	1,1-Dichloroethane	15	U
540-59-0	1,2-Dichloroethene (total)	15	U
67-66-3	Chloroform	15	U
107-06-2	1,2-Dichloroethane	15	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	15	U
56-23-5	Carbon Tetrachloride	15	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	15	U
78-87-5	1,2-Dichloropropane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
79-01-6	Trichloroethene	15	U
124-48-1	Dibromochloromethane	15	U
79-00-5	1,1,2-Trichloroethane	15	U
71-43-2	Benzene	15	U
10061-02-6	trans-1,3-Dichloropropene	15	U
75-25-2	Bromoform	15	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	15	U
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-88-3	Toluene	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	15	U
100-42-5	Styrene	15	U
1330-20-7	Xylene (total)	15	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK01

Lab Name: ETC CORP Contract: _____
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) WATER Lab Sample ID: QC70443V
 Sample wt/vol: 5 (g/mL) ML Lab File ID: 7C2124
 Level: (low/med) LOW Date Received: 1/11/91
 % Moisture: not dec. _____ Date Analyzed: 1/11/91
 Column: (pack/cap) PACK Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>	
	Tetrahydrofuran	10	0

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO. _____

Lab Name: ETOND

Contract: _____

Lab Code: _____

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: QCF0443V

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

Lab File ID: 402124

Level: (low/med) LDW

Date Received: 01 M 91

% Moisture: not dec.

Date Analyzed: 01/11/91

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	D

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UUBLK03

Lab Name: ETCNC

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: 007044303

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

Lab File ID: 102211

Level: (low/med) LOW

Date Received: 01/19/91

% Moisture: not dec.

Date Analyzed: 01/19/91

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	110	10
75-09-2	Methylene Chloride	15	10
67-64-1	Acetone	110	10
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)	15	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-Trichloroethane	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	1,1,2-Trichloroethane	15	10
71-43-2	Benzene	15	10
10061-02-6	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

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: QC70443V3
Sample wt/vol: 5 (g/mL) ML Lab File ID: >C2211
Level: (low/med) LOW Date Received: 1/19/91
& Moisture: not dec. _____ Date Analyzed: 1/19/91
Column: (pack/cap) PACK Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>	
	<u>Tetrahydrofuran</u>	<u>10</u>	<u>0</u>

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

10BLK97

Lab Name: ETON

Contract:

Lab Code:

Case No.:

SAS No.:

BOB No.:

Matrix: (Soil/Water) WATER

Lab Sample ID: 007044303

Sample Wt/Vol: 5.0 (g/mL) ML

Lab File ID: 00011

Level: (Low/Med) LOW

Date Received: 01/19/91

% Moisture: not dec.

Date Analyzed: 01/29/91

Column: (pack/cap) PAC1

Dilution Factor: 1.0

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	D

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID (Standard): C2123 Date Analyzed: 01/11/91
 Instrument ID: GC/MS C Time Analyzed: 1216
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) pack

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA #		AREA #		AREA #	
12 HOUR STD	41336	10.40	192366	21.10	148946	25.99
UPPER LIMIT	82672		384732		297892	
LOWER LIMIT	20668		96183		74473	
EPA SAMPLE NO.						
01 UBLK01	41744	10.39	185350	21.08	146141	25.96
02 A5563	41299	10.41	191339	21.11	153000	26.00
03 A5574	40674	10.47	178678	21.16	142834	26.05
04 A5559	39598	10.44	179668	21.09	141080	26.01
05 A5580	39538	10.38	176663	21.07	136324	25.95
06 A5581	40356	10.42	179986	21.11	144185	26.00
07 A5582	39095	10.40	175116	21.13	143586	26.02
08 A5603	38632	10.37	170000	21.10	138427	25.98
09 A5594	39731	10.37	171199	21.10	136955	26.00
10 A5595	39223	10.38	169671	21.11	125034	25.99
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

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.

BA
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID (Standard): 02199 Data Analyzed: 01/19/91
 Instrument ID: GC/MS C Time Analyzed: 1434
 Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) PACK

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA #		AREA #		AREA #	
12 HOUUP STD	54089	10.45	222969	21.08	173290	25.92
UPPER LIMIT	108178		445938		346580	
LOWER LIMIT	27044		111484		86645	
EPA SAMPLE NO.						
01 UBLK03	42565	10.43	182628	21.09	133122	25.93
02 A5599MS	50131	10.47	218075	21.15	148069	26.00
03 A5599MSD	52788	10.42	220332	21.11	122464	25.96
04						
05						
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19						
20						
21						
22						

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.

BA
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETC Corp. Contract:
Lab Code: Case No.: SAS No.: SDG No.:
Lab File ID (Standard): >D2532 Data Analyzed: 01/09/91
Instrument ID: GC/MS D Time Analyzed: 1442
Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) PAK

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA #		AREA #		AREA #	
12 HOUR STD	42809	11.39	189142	22.06	153083	27.00
UPPER LIMIT	85618		378284		306166	
LOWER LIMIT	21404		94571		76541	
EPA SAMPLE NO.						
01 UBLK01	42349	11.36	189592	22.06	158732	26.95
02 A5554	39865	11.39	177115	22.09	150780	27.00
03 A5554MS	41532	11.42	174947	22.08	145860	27.01
04 A5554MSD	41650	11.43	187660	22.09	157641	27.02
05 A5556	44816	11.43	186987	22.09	156045	27.02
06 A5547	41749	11.41	188626	22.11	156718	27.00
07 A5548	55750	11.43	317976	22.09	254554	27.03
08 A5549	72811	11.42	319359	22.08	256191	27.02
09 A5550	74868	11.39	323105	22.09	257310	27.03
10 A5553	54199	11.42	305480	22.08	248605	26.98
11 A5555	58521	11.35	319662	22.09	257481	26.98
12 A5557	56357	11.35	320405	22.09	257227	26.99
13 A5558	57558	11.40	311684	22.10	249274	27.00
14						
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19						
20						
21						
22						

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): >D2549 Data Analyzed: 01/10/91
 Instrument ID: GC/MS D Time Analyzed: 1010
 Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) PALK

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA #		AREA #		AREA #	
12 HOUR STD	65743	11.43	291832	22.18	231908	27.08
UPPER LIMIT	131486		583664		463816	
LOWER LIMIT	32871		145916		115954	
EPA SAMPLE NO.						
01 UBLK02	77902	11.43	345269	22.17	272037	27.06
02 A5562	79062	11.38	343911	22.08	270819	26.99
03 A5564	75231	11.37	317553	22.07	253627	26.96
04 A5569	79477	11.35	338559	22.05	270169	26.99
05 A5560	80049	11.40	335739	22.06	272362	27.00
06 A5561	60639	11.40	326117	22.10	270393	27.00
07						
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18						
19						
20						
21						
22						

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): >D2579

Data Analyzed: 01/13/91

Instrument ID: GC/MS D

Time Analyzed: 1214

Matrix: (soil/water) WATER

Level: (low/med) LOW

Column: (pack/cap) *PALIC*

	IS1(BCM)		IS2(DFB)		IS3(CBZ)	
	AREA #	RT	AREA #	RT	AREA #	RT
12 HOUR STD	54151	11.78	297333	22.53	240614	27.54
UPPER LIMIT	108302		594666		481228	
LOWER LIMIT	27076		148666		120307	
EPA SAMPLE NO.						
01 UBLK03 ⁴ <i>MP 1/12/91</i>	73409	11.38	310825	22.08	263396	26.98
02 A5562	73780	11.35	313103	22.05	263546	26.99
03 A5570	59621	11.39	310497	22.09	258788	26.99
04 A5573	55431	11.39	301444	22.09	252467	27.03
05 A5602	57431	11.44	290573	22.10	243058	27.03
06 A5575	73485	11.40	320409	22.10	274869	27.00
07						
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20						
21						
22						

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.

~~ETC~~

**TABULATED RESULTS
NON CLP PARAMETERS**

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5547	WASTE MANAGEMENT, INC.	405	W3GMP6A	910102	1452	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	14	2							
Total Dissolved Solids (TDS)	469	10							
Bicarbonate as CaCO3	305	10							
Carbonate as CaCO3	<10	10							

ETC

JAN 9, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports					
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours
CA5547	WASTE MANAGEMENT, INC.	405	W3GWP6A	910102	1452 0

Parameter	Results									
	Sample Measure	MDL								
pH (Field)	std	7.30	-							
pH (Field)	std	7.26	-							
pH (Field)	std	7.25	-							
pH (Field)	std	7.28	-							
Specific Conductance (Field)	um/cm	710	-							
Specific Conductance (Field)	um/cm	692	-							
Specific Conductance (Field)	um/cm	685	-							
Specific Conductance (Field)	um/cm	692	-							
Temperature	Deg. C	8.0	-							
Redox Potential	mv	+ 272	-							
Redox Potential	mv	+ 275	-							
Redox Potential	mv	+ 281	-							
Redox Potential	mv	+ 282	-							

ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5548	WASTE MANAGEMENT, INC.	405	W3GWP7A	910102	1528	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Eleapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride Fluoride	9.4 .3	1.0 .1								

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports

CA5548	WASTE MANAGEMENT, INC.	405	W3GMP7A	910102	1528	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	49	2							
Total Dissolved Solids (TDS)	372	10							
Bicarbonate as CaCO3	335	10							
Carbonate as CaCO3	<10	10							

ETC

JAN 9, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5548	WASTE MANAGEMENT, INC.	405	W3GWP7A	910102	1528	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field)	std	7.63	-						
pH (Field)	std	7.63	-						
pH (Field)	std	7.65	-						
pH (Field)	std	7.64	-						
Specific Conductance (Field)	um/cm	546	-						
Specific Conductance (Field)	um/cm	592	-						
Specific Conductance (Field)	um/cm	565	-						
Specific Conductance (Field)	um/cm	555	-						
Temperature	Deg. C	5.2	-						
Redox Potential	mv	+ 265	-						
Redox Potential	mv	+ 265	-						
Redox Potential	mv	+ 264	-						
Redox Potential	mv	+ 262	-						

ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5549	WASTE MANAGEMENT, INC.	405	W3GMP3B	910102	1620	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results								
	Sample Concn. mg/l	MDL mg/l							
Chloride Fluoride	6.7 .2	1.0 .1							

001

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5549	WASTE MANAGEMENT, INC.	405	W3GWP3B	910102	1620	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	27	2							
Total Dissolved Solids (TDS)	303	10							
Bicarbonate as CaCO3	286	10							
Carbonate as CaCO3	<10	10							

ETC

JAN 9, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5549	WASTE MANAGEMENT, INC.	405	W3GMP3B	910102	1620	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.82	-							
pH (Field) std	7.69	-							
pH (Field) std	7.65	-							
pH (Field) std	7.71	-							
Specific Conductance (Field um/cm	590	-							
Specific Conductance (Field um/cm	504	-							
Specific Conductance (Field um/cm	515	-							
Specific Conductance (Field um/cm	514	-							
Temperature Deg. C	8.0	-							
Redox Potential mv	13	-							
Redox Potential mv	13	-							
Redox Potential mv	23	-							
Redox Potential mv	30	-							

ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5550	WASTE MANAGEMENT, INC.	405	W3GWP3C	910102	1638	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride Fluoride	8.9 .2	1.0 .1								

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
CA5550	WASTE MANAGEMENT, INC.	405	W3GWP3C	910102	1638	0

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	14	2							
Total Dissolved Solids (TDS)	449	10							
Bicarbonate as CaCO3	440	10							
Carbonate as CaCO3	<10	10							

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ETC

JAN 9, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5550	WASTE MANAGEMENT, INC.	405	W3GWP3C	910102	1638	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elepsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.50	-							
pH (Field) std	7.54	-							
pH (Field) std	7.51	-							
pH (Field) std	7.42	-							
Specific Conductance (Field) um/cm	759	-							
Specific Conductance (Field) um/cm	781	-							
Specific Conductance (Field) um/cm	690	-							
Specific Conductance (Field) um/cm	770	-							
Temperature Deg. C	6.0	-							
Redox Potential mv	+ 96	-							
Redox Potential mv	+ 121	-							
Redox Potential mv	+ 135	-							
Redox Potential mv	+ 141	-							

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ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5553	WASTE MANAGEMENT, INC.	405	W3GM3A	910102	1310	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride Fluoride	3.5 .1	1.0 .1								

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
CA5553	WASTE MANAGEMENT, INC.	405	W3GW3A	910102	1310	0

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	31	2							
Total Dissolved Solids (TDS)	292	10							
Bicarbonate as CaCO3	268	10							
Carbonate as CaCO3	<10	10							

ETC

JAN 9, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5553	WASTE MANAGEMENT, INC.	405	W3GW3A	910102	1310	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	7.55	-							
pH (Field) std	7.57	-							
pH (Field) std	7.57	-							
Specific Conductance (Field) um/cm	554	-							
Specific Conductance (Field) um/cm	585	-							
Specific Conductance (Field) um/cm	585	-							
Specific Conductance (Field) um/cm	563	-							
Temperature Deg. C	9.0	-							
Redox Potential mv	58	-							
Redox Potential mv	63	-							
Redox Potential mv	70	-							
Redox Potential mv	75	-							

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ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports
CA5554 WASTE MANAGEMENT, INC. 405 W3GM3ADUP 910102 1310 0
ETC Sample No. Company Facility Sample Point Date Time Elapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride Fluoride	3.6 .1	1.0 .1								

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
CA5554	WASTE MANAGEMENT, INC.	405	W3GW3ADUP	910102	1310	0

Compound	Results									
	Sample Concn. mg/l	MDL mg/l								
Sulfate as SO4	30	2								
Total Dissolved Solids (TDS)	317	10								
Bicarbonate as CaCO3	276	10								
Carbonate as CaCO3	<10	10								

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ETC

JAN 9, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5554	WASTE MANAGEMENT, INC.	405	W3GW3ADUP	910102	1310	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	7.55	-								
pH (Field) std	7.57	-								
pH (Field) std	7.57	-								
Specific Conductance (Field) um/cm	554	-								
Specific Conductance (Field) um/cm	585	-								
Specific Conductance (Field) um/cm	585	-								
Specific Conductance (Field) um/cm	563	-								
Temperature Deg. C	9.0	-								
Redox Potential mv	58	-								
Redox Potential mv	63	-								
Redox Potential mv	70	-								
Redox Potential mv	75	-								

1
1
1

ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA5555	WASTE MANAGEMENT, INC.	405	X3GMFB	910102	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride Fluoride	<1.0 <.1	1.0 .1								

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5555	WASTE MANAGEMENT, INC.	405	X3GMFB	910102		0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results									
	Sample Concn. mg/l	MDL mg/l								
Sulfate as SO4	<2	2								
Total Dissolved Solids (TDS)	<1	10								
Bicarbonate as CaCO3	<10	10								
Carbonate as CaCO3	<10	10								

ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports					
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours
CA5556	WASTE MANAGEMENT, INC.	405	X3GMFB	910103	0

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride	<1.0	1.0								
Fluoride	<.1	.1								

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ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA5556	WASTE MANAGEMENT, INC.	405	X3G/FB	910103	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	<2	2							
Total Dissolved Solids (TDS)	18	10							
Bicarbonate as CaCO3	<10	10							
Carbonate as CaCO3	<10	10							

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ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CAS557	WASTE MANAGEMENT, INC.	405	W3GWP2C	910103	0951	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride Fluoride	5.5 .2	1.0 .1								

116

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports

CAS557	WASTE MANAGEMENT, INC.	405	W3GMP2C	910103	0951	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results									
	Sample Concn. mg/l	MDL mg/l								
Sulfate as SO4	33	2								
Total Dissolved Solids (TDS)	455	10								
Bicarbonate as CaCO3	327	10								
Carbonate as CaCO3	<10	10								

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ETC

JAN 11, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5557	WASTE MANAGEMENT, INC.	405	W3GWP2C	910103	0951	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.30	-							
pH (Field) std	7.19	-							
pH (Field) std	7.11	-							
pH (Field) std	7.12	-							
Specific Conductance (Field um/cm	727	-							
Specific Conductance (Field um/cm	683	-							
Specific Conductance (Field um/cm	677	-							
Specific Conductance (Field um/cm	680	-							
Temperature Deg. C	7.0	-							
Redox Potential mv	+ 81	-							

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5558	WASTE MANAGEMENT, INC.	405	W3GWB6RR	910103	1013	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	25	2							
Total Dissolved Solids (TDS)	489	10							
Bicarbonate as CaCO3	419	10							
Carbonate as CaCO3	<10	10							

ETC

JAN 11, 1991

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

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA5558	WASTE MANAGEMENT, INC.	405	W3GWB6RR	910103 1013	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.22	-							
pH (Field) std	7.17	-							
pH (Field) std	7.20	-							
pH (Field) std	7.11	-							
Specific Conductance (Field um/cm	743	-							
Specific Conductance (Field um/cm	742	-							
Specific Conductance (Field um/cm	714	-							
Specific Conductance (Field um/cm	716	-							
Temperature Deg. C	4.8	-							
Redox Potential mv	+ 135	-							

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ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5559	WASTE MANAGEMENT, INC.	405	WSGMP4C	910103	1108	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride Fluoride	14.8 .1	1.0 .1								

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports

CA5559	WASTE MANAGEMENT, INC.	405	W3GMP4C	910103	1108	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results									
	Sample Concn. mg/l	MDL mg/l								
Sulfate as SO4	45	2								
Total Dissolved Solids (TDS)	582	10								
Bicarbonate as CaCO3	513	10								
Carbonate as CaCO3	<10	10								

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ETC

JAN 11, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5559	WASTE MANAGEMENT, INC.	405	W3GWP4C	910103	1108	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.05	-							
pH (Field) std	6.98	-							
pH (Field) std	6.99	-							
pH (Field) std	7.01	-							
Specific Conductance (Field um/cm	962	-							
Specific Conductance (Field um/cm	884	-							
Specific Conductance (Field um/cm	945	-							
Specific Conductance (Field um/cm	853	-							
Temperature Deg. C	6.2	-							
Redox Potential mv	55	-							

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ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5560	WASTE MANAGEMENT, INC.	405	W3GMP2B	910103	1330	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Eleapsed Hours

Compound	Results								
	Sample Concen. mg/l	MDL mg/l							
Sulfate as SO4	18	2							
Total Dissolved Solids (TDS)	322	10							
Bicarbonate as CaCO3	272	10							
Carbonate as CaCO3	<10	10							

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ETC

JAN 11, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5560	WASTE MANAGEMENT, INC.	405	W3GWP2B	910103	1330	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.67	-							
pH (Field) std	7.58	-							
pH (Field) std	7.56	-							
pH (Field) std	7.56	-							
Specific Conductance (Field um/cm	1338	-							
Specific Conductance (Field um/cm	1261	-							
Specific Conductance (Field um/cm	1244	-							
Specific Conductance (Field um/cm	1215	-							
Temperature Deg. C	7.5	-							
Redox Potential mv	32	-							

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ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA
Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5561	WASTE MANAGEMENT, INC.	405	W3GMP2A	910103	0836	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride Fluoride	48.1 .1	1.0 .1								

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports
CA5561 WASTE MANAGEMENT, INC. 405 W3GMP2A 910103 0836 0
ETC Sample No. Company Facility Sample Point Date Time Elapsed Hours

Compound	Results									
	Sample Concn. mg/l	MDL mg/l								
Sulfate as SO4	26	2								
Total Dissolved Solids (TDS)	460	10								
Bicarbonate as CaCO3	289	10								
Carbonate as CaCO3	<10	10								

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ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
CA5562	WASTE MANAGEMENT, INC.	405	W3GMP4B	910103	0951	0

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	7	2							
Total Dissolved Solids (TDS)	658	10							
Bicarbonate as CaCO3	423	10							
Carbonate as CaCO3	<10	10							

ETC

JAN 11, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5562	WASTE MANAGEMENT, INC.	405	W3GWP4B	910103	0951	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.63	-							
pH (Field) std	7.42	-							
pH (Field) std	7.40	-							
pH (Field) std	7.41	-							
Specific Conductance (Field) um/cm	1327	-							
Specific Conductance (Field) um/cm	1209	-							
Specific Conductance (Field) um/cm	1158	-							
Specific Conductance (Field) um/cm	1092	-							
Temperature Deg. C	8.0	-							
Redox Potential mv	64	-							
Redox Potential mv	77	-							
Redox Potential mv	82	-							
Redox Potential mv	88	-							

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ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CAS563	WASTE MANAGEMENT, INC.	405	W3GNP4A	910103	1539	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results									
	Sample Concn. mg/l	MDL mg/l								
Chloride	3.0	1.0								
Fluoride	.2	.1								

ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports
CA5563 WASTE MANAGEMENT, INC. 405 W3GMP4A 910103 1539 0
ETC Sample No. Company Facility Sample Point Date Time Elapsed Hours

Compound	Results									
	Sample Concn. mg/l	MDL mg/l								
Sulfate as SO4	24	2								
Total Dissolved Solids (TDS)	344	10								
Bicarbonate as CaCO3	262	10								
Carbonate as CaCO3	<10	10								

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ETC

JAN 11, 1991

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

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5563	WASTE MANAGEMENT, INC.	405	W3GWP4A	910103	1539	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results									
	Sample Measure	MDL								
pH (Field)	std	7.29	-							
pH (Field)	std	7.41	-							
pH (Field)	std	7.43	-							
pH (Field)	std	7.44	-							
Specific Conductance (Field)	um/cm	464	-							
Specific Conductance (Field)	um/cm	476	-							
Specific Conductance (Field)	um/cm	472	-							
Specific Conductance (Field)	um/cm	469	-							
Temperature	Deg. C	6.0	-							
Redox Potential	mv	+ 16	-							

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ETC

JAN 30, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5564	WASTE MANAGEMENT, INC.	405	W3GWP4ADUP	910103		0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results								
	Sample Concn. mg/l	MDL mg/l							
Chloride Fluoride	2.8 .2	1.0 .1							

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ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5564	WASTE MANAGEMENT, INC.	405	WSGMP4ADUP	910103		0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results									
	Sample Concn. mg/l	MDL mg/l								
Sulfate as SO4	24	2								
Total Dissolved Solids (TDS)	349	10								
Bicarbonate as CaCO3	263	10								
Carbonate as CaCO3	<10	10								

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ETC

JAN 11, 1991

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

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5564	WASTE MANAGEMENT, INC.	405	W3GWP4ADUP	910103		0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field)	std	7.29	-						
pH (Field)	std	7.41	-						
pH (Field)	std	7.43	-						
pH (Field)	std	7.44	-						
Specific Conductance (Field)	um/cm	464	-						
Specific Conductance (Field)	um/cm	476	-						
Specific Conductance (Field)	um/cm	472	-						
Specific Conductance (Field)	um/cm	469	-						
Temperature	Deg. C	6.0	-						
Redox Potential	mv	+ 16	-						

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ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5569	WASTE MANAGEMENT, INC.	405	W3GMP9A	910103	0739	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	34	2							
Total Dissolved Solids (TDS)	517	10							
Bicarbonate as CaCO3	348	10							
Carbonate as CaCO3	<10	10							

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ETC

JAN 11, 1991

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5569	WASTE MANAGEMENT, INC.	405	W3GWP9A	910103	0739	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	8.32	-							
pH (Field) std	8.24	-							
pH (Field) std	8.12	-							
pH (Field) std	7.94	-							
Specific Conductance (Field) um/cm	616	-							
Specific Conductance (Field) um/cm	619	-							
Specific Conductance (Field) um/cm	609	-							
Specific Conductance (Field) um/cm	609	-							
Temperature Deg. C	1.7	-							
Redox Potential mv	+ 110	-							
Redox Potential mv	+ 125	-							
Redox Potential mv	+ 125	-							
Redox Potential mv	+ 124	-							

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ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5570	WASTE MANAGEMENT, INC.	405	W3GWP10A	910103	1044	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	16	2							
Total Dissolved Solids (TDS)	696	10							
Bicarbonate as CaCO3	600	10							
Carbonate as CaCO3	<10	10							

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ETC

JAN 11, 1991

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

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5570	WASTE MANAGEMENT, INC.	405	W3GWP10A	910103	1044	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field)	std	6.63	-						
pH (Field)	std	6.34	-						
pH (Field)	std	6.29	-						
pH (Field)	std	6.30	-						
Specific Conductance (Field)	um/cm	626	-						
Specific Conductance (Field)	um/cm	1121	-						
Specific Conductance (Field)	um/cm	1124	-						
Specific Conductance (Field)	um/cm	1242	-						
Temperature	Deg. C	5	-						
Redox Potential	mv	47	-						
Redox Potential	mv	39	-						
Redox Potential	mv	30	-						
Redox Potential	mv	28	-						

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ETC

JAN 30, 1991

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports
CAS573 WASTE MANAGEMENT, INC. 405 W3CMB9AR 910103 1058 0
ETC Sample No. Company Facility Sample Point Date Time Elapsed Hours

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	17	2							
Total Dissolved Solids (TDS)	924	10							
Bicarbonate as CaCO3	841	10							
Carbonate as CaCO3	<10	10							

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

A5600

Lab Name: ETCNJ

Contract:

Lab Code: ~~R2~~ *KA/KW*

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5600U

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

Lab File ID: >C1714

Level: (low/med) LOW

Date Received: 11/30/90 *KB 12/1/90*

% Moisture: not dec.

Date Analyzed: 12/03/90

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
74-87-3	Chloromethane	10	10
74-83-9	Bromomethane	10	10
75-01-4	Vinyl Chloride	10	10
75-00-3	Chloroethane	10	10
75-09-2	Methylene Chloride	15	10
67-64-1	Acetone	13	13B
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)	15	10
67-66-3	Chloroform	15	10
107-06-2	1,2-Dichloroethane	15	10
78-93-3	2-Butanone	10	10
71-55-6	1,1,1-Trichloroethane	15	10
56-23-5	Carbon Tetrachloride	15	10
108-05-4	Vinyl Acetate	10	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	1,1,2-Trichloroethane	15	10
71-43-2	Benzene	15	10
10061-02-6	trans-1,3-Dichloropropene	15	10
75-25-2	Bromoform	15	10
108-10-1	4-Methyl-2-Pentanone	10	10
591-78-6	2-Hexanone	10	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

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETC NJ

Contract: _____

A5600

Lab Code: 12

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) water

Lab Sample ID: CAS600V

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

Lab File ID: >C1714

Level: (low/med) low

Date Received: 11/30/90

% Moisture: not dec. _____

Date Analyzed: 12/03/90

Column: (pack/cap) Pack

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>ug/L</u>
	Tetrahydrofuran	<u>10</u>	<u>U</u>

1E
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

1A5600

Lab Name: ETCNJ

Contract:

Lab Code: FZ
 KDRK

Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: CA5600U

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

Lab File ID: >C1714

Level: (low/med) LOW

Date Received: 11/28/90
 K 12/20/90

% Moisture: not dec.

Date Analyzed: 12/03/90

Column: (pack/cap) PACK

Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SUB No.:

	EPA SAMPLE NO.	S1 (TOL)*	S2 (BFB)*	S3 (OLE)*	OTHER	TOTAL (TOT)
01	A5634	101	106	91		0
02	A5652	102	105	100		0
03	A5635	100	106	98		0
04	A5650	102	106	97		0
05	A5552	99	95	103		0
06	A5600	89	93	97		0
07	A5566	99	104	97		0
08	A5649	92	107	98		0
09	VELK03	91	92	97		0
10	A5552MS	98	95	90		0
11	A5552MSD	97	94	86		0
12	A5647	93	91	88		0
13	A5565	96	94	90		0
14	A5551	97	96	89		0
15	A5646	95	95	87		0
16	A5649UL	96	95	90		0
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

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

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

2A
WATER VOLATILE SURROGATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDR No.:

*OT
relatno*

	EPA SAMPLE NO.	S1 (TOL)*	S2 (BFB)*	S3 (DCE)*	OTHER	TOT OUT
01	UBLK01	100	105	99		0
02	A5667	92	92	92		0
03	A5648	<i>93 93 not</i>	<i>90 90 not</i>	<i>96 96 not</i>		0
04	A5645	97	100	96		0
05	UBLK02	<i>101 99</i>	<i>105 97</i>	<i>100 88</i>		0
06	UBLK03	100	109	101		0
07	A5663MS	100	107	98		0
08	A5663MSD	102	108	98		0
09	A5663	101	111	102		0
10	A5673	103	111	104		0
11	A5675	109	114	99		0
12	A5678	102	99	90		0
13	A5674	102	98	91		0
14	A5676	102	98	86		0
15	A5677	102	98	86		0
16	A5676	103	100	88		0
17	A5515	102	99	88		0
18	A5674	103	100	89		0
19	<i>UBLK04</i>	103	101	93		
20						
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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

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code: F2

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.: A5552

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	30.466	61 *	61-145
Trichloroethene	50.000	0.000	38.887	78	71-120
Benzene	50.000	0.000	38.566	77	76-127
Toluene	50.000	0.000	35.499	71 *	76-125
Chlorobenzene	50.000	0.000	44.961	90	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD REC.
1,1-Dichloroethene	50.000	29.685	59 *	3	14 61-145
Trichloroethene	50.000	40.961	82	5	14 71-120
Benzene	50.000	40.100	80	4	11 76-127
Toluene	50.000	34.878	70 *	2	13 76-125
Chlorobenzene	50.000	47.476	95	5	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: 4 out of 10 outside limits

Comments:

3A
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDG No.:

Matrix Spike - EPA Sample No.: A5663

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	33.210	66	61-145
Trichloroethene	50.000	0.000	41.178	82	71-120
Benzene	50.000	0.000	44.121	88	76-127
Toluene	50.000	2.705	44.663	84	76-125
Chlorobenzene	50.000	0.000	50.091	100	75-130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD
1,1-Dichloroethene	50.000	32.947	66	1	14 61-145
Trichloroethene	50.000	41.381	83	0	14 71-120
Benzene	50.000	45.882	92	4	11 76-127
Toluene	50.000	46.425	87	4	13 76-125
Chlorobenzene	50.000	51.661	103	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:

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAs No.: SUG No.:
 Lab File ID: >C1706 Lab Sample ID: BLK01
 Date Analyzed 12/03/90 Time Analyzed: 1410
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: GC/MS C

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	A5634	CA5634U	>C1708	1517
02	A5652	CA5652U	>C1709	1602
03	A5635	CA5635U	>C1710	1650
04	A5650	CA5650U	>C1711	1737
05	A5552	CA5552U	>C1713	1912
06	A5600	CA5600U	>C1714	1959
07	A5566	CA5566U	>C1715	2046
08	A5649	CA5649U	>C1716	2133
09				
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Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SIG No.:
 Lab File ID: >C1750 Lab Sample ID: BLK0.
 Date Analyzed 12/06/90 Time Analyzed: 1724
 Matrix: (soil/water) WATER Level: (low/med) LOW
 Instrument ID: GC/MS C

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	A5552MS	CA5552US	>C1751	1824
02	A5552MSD	CA5552UR	>C1752	1912
03	A5647	CA5647U3	>C1753	2007
04	A5565	CA5565U3	>C1754	2102
05	A5551	CA5551U3	>C1755	2157
06	A5646	CA5646U3	>C1756	2251
07	A5649DL	CA5649U3	>C1760	0251
08				
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Comments: _____

4A
UDI ATILE METHOD BLANK SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDS No.:

Lab File ID: >C1774

Lab Sample ID: UBLK01

Date Analyzed

12/07/90

Time Analyzed: 1328

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	A5667	CA5567U	>C1777	1458
02	A5648	CA5648U	>C1779	1846
03	A5645	CA5645U	>C1780	1948
04				
05				
06				
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Comments: _____

4A
VOLATILE METHOD BLANK SUMMARY

Lab Name: ETCNJ Contract:
 Lab Code: Case No.: SAS No.: SDG No.:
 Lab File ID: >C1797 Lab Sample ID: URLK03
 Date Analyzed 12/10/90 Time Analyzed: 1223
 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	A5663MS	CA5663US	>C1798	1318
02	A5663MSD	CA5663UR	>C1799	1406
03	A5663	CA5663U3	>C1800	1452
04	A5673	CA5673U3	>C1808	2110
05	A5675	CA5675U3	>C1810	2244
06				
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Comments: _____

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UCLK01

Lab Name: ETCNJ

Contract:

Lab Code: ~~EZ~~ **KD** 12/9/90 Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70418V

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

Lab File ID: >C1706

Level: (low/med) LOW

Date Received: 12/03/90

% Moisture: not dec.

Date Analyzed: 12/03/90

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	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	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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS.

EPA SAMPLE NO.

UBLK01

Lab Name: ETCNJ

Contract:

Lab Code: ~~FS~~
 ~~VD~~ 12/1/90

Case No.:

SAS No.:

SOG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70418U

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

Lab File ID: >C1706

Level: (low/med) LOW

Date Received: 12/03/90

% Moisture: not dec.

Date Analyzed: 12/03/90

Column: (pack/cap) PACK

Dilution Factor: 1.0

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

Number TICs found: 0

CAS NUMBER	COMPOUND NAME	RT	EST. CONC	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

UUBLK03

Lab Name: ETCNJ

Contract:

Lab Code: *PS KB 12/9/90* Case No.:

SAS No.:

SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC70418U3

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

Lab File ID: >C1750

Level: (low/med) LOW

Date Received: *12/06/90*

% Moisture: not dec.

Date Analyzed: *12/06/90*

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
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	IU
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	Trichloroethene	15	IU
124-48-1	Dibromochloromethane	15	IU
79-00-5	1,1,2-Trichloroethane	15	IU
71-43-2	Benzene	1.600	IJ
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	14	IJ
108-90-7	Chlorobenzene	1	IJ
100-41-4	Ethylbenzene	15	IU
100-42-5	Styrene	15	IU
1330-20-7	Xylene (total)	15	IU

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: ETCNS Contract: _____

VBLK03

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

Matrix: (soil/water) WATER Lab Sample ID: DC70418V

Sample wt/vol: 5 (g/mL) ML Lab File ID: 7C1750

Level: (low/med) LOW Date Received: 12/06/90

% Moisture: not dec. _____ Date Analyzed: 12/06/90

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>ug/L</u>	<u>Q</u>
	Tetrahydrofuran	<u>10</u>	<u>U</u>

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

URI K01

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDS No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC704220

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

Lab File ID: >C1274

Level: (low/med) LOW

Date Received: ^{12 07} 11/28/90 or
12/19/90

% Moisture: not dec.

Date Analyzed: 12/07/90

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	15	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	15	U
75-35-4	1,1-Dichloroethane	15	U
75-34-3	1,1-Dichloroethane	15	U
540-59-0	1,2-Dichloroethane (total)	15	U
67-66-3	Chloroform	15	U
107-06-2	1,2-Dichloroethane	15	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	15	U
56-23-5	Carbon Tetrachloride	15	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	15	U
78-87-5	1,2-Dichloropropane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
79-01-6	Trichloroethene	15	U
124-48-1	Dibromochloromethane	15	U
79-00-5	1,1,2-Trichloroethane	15	U
71-43-2	Benzene	15	U
10061-02-6	trans-1,3-Dichloropropene	15	U
75-25-2	Bromoform	15	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	15	U
79-34-5	1,1,2,2-Tetrachloroethane	15	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	15	U
100-42-5	Styrene	15	U
1330-20-7	Xylene (total)	15	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

U01K03

Lab Name: ETONJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDS No.:

Matrix: (soil/water) WATER

Lab Sample ID: QC7042203

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

Lab File ID: >C1297

Level: (low/med) LOW

Date Received: ^{12 10} 11/28/90 *or*

12/14/90

% Moisture: not dec.

Date Analyzed: 12/10/90

Column: (pack/cap) PACK

Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	UG/L
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	IU
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
640-59-0	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	14	IJ
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

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code: *KB 12/19/9*

Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >C1705

Date Analyzed: 12/03/90

Instrument ID: GC/MS C

Time Analyzed: 1323

Matrix:(soil/water) WATER Level:(low/med) LOW

Column:(pack/cap) *Pack KB 12/19/9*

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA #		AREA #		AREA #	
12 HOUR STD	73332	10.60	403111	21.45	367366	26.27
UPPER LIMIT	146664		806222		734732	
LOWER LIMIT	36666		201555		183683	
EPA SAMPLE NO.						
01 UBLK01	67350	10.59	355889	21.44	335862	26.29
02 A5634	63777	10.59	357632	21.44	339162	26.30
03 A5652	45257	10.49	281254	21.41	268474	26.26
04 A5635	51225	10.64	299876	21.44	289026	26.26
05 A5650	58781	10.62	349876	21.43	333501	26.28
06 A5552	55136	10.56	332986	21.37	364626	26.22
07 A5600	58080	10.59	330295	21.40	363832	26.25
08 A5566	58178	10.60	339634	21.41	330838	26.27
09 A5649	57238	10.62	345367	21.42	359335	26.25
10						
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22						

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.

page 1 of 1

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code: *72 KD 12/19/90* Case No.:

SAS No.:

SDG No.:

Lab File ID (Standard): >C1749

Date Analyzed: 12/06/90

Instrument ID: GC/MS C

Time Analyzed: 1636

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

*KA
12/19/90*

	IS1(BCM)	RT	IS2(DFB)	RT	IS3(CBZ)	RT
	AREA *		AREA *		AREA *	
12 HOUR STD	59766	10.60	368045	21.41	334508	26.28
UPPER LIMIT	119532		736090		669016	
LOWER LIMIT	29883		184022		167254	
EPA SAMPLE NO.						
01 UBLK03	41476	10.66	247028	21.43	258376	26.27
02 A5552MS	60064	10.66	364521	21.47	342710	26.29
03 A5552MSD	43492	10.60	251305	21.41	242665	26.23
04 A5647	58554	10.61	331777	21.42	337957	26.26
05 A5565	56072	10.60	335725	21.41	326300	26.26
06 A5551	51552	10.57	289632	21.42	288117	26.27
07 A5646	57998	10.60	318481	21.40	311836	26.26
08 A5649DL	58224	10.60	332501	21.45	320137	26.30
09						
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22						

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.

page 1 of 1

8A
 VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: ETCNJ

Contract:

Lab Code:

Case No.:

SAS No.:

SDS No.:

Lab File ID (Standard): >C1771

Data Analyzed: 12/07/90

Instrument ID: GC/MS C

Time Analyzed: 1119

Matrix: (soil/water) WATER Level: (low/med) LOW

Column: (pack/cap) *Peak*

	IS1 (BCM)	IS2 (DFB)	IS3 (CBZ)
	AREA #	AREA #	AREA #
	RT	RT	RT
12 HOUR STD	59399	356175	322027
	10.68	21.45	26.34
UPPER LIMIT	118798	712350	644054
LOWER LIMIT	29699	178118	161014
EPA SAMPLE NO.			
01 UBLK01	54948	310036	295633
	10.75	21.48	26.33
02 A5567	58401	344630	351633
	10.64	21.45	26.28
03 A5648	55151	308104	318518
	10.65	21.45	26.30
04 A5645	54721	319938	308745
	10.68	21.53	26.32
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19			
20			
21			
22			

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.:

SDA No.:

Lab File ID (Standard): >C1796

Date Analyzed: 12/11/90

Instrument ID: GC/MS C

Time Analyzed: 1128

Matrix: (soil/water) WATER Level: (low/med) LOW

Column: (pack/cap) pack

	IS1 (BCM)		IS2 (DFB)		IS3 (DBZ)	
	AREA #	RT	AREA #	RT	AREA #	RT
12 HOUR STD	76789	10.72	447979	21.49	411641	26.35
UPPER LIMIT	153578		895958		823282	
LOWER LIMIT	38394		223990		205820	
EPA SAMPLE NO.						
01 UBLK03	44336	10.65	233271	21.46	275715	26.31
02 A5663MS	69404	10.66	384684	21.47	3611680	26.30
03 A5663MSD	47629	10.64	257947	21.45	244548	26.26
04 A5663	63275	10.65	352163	21.49	331799	26.31
05 A5673	45911	10.78	254949	21.55	247490	26.36
06 A5675	67269	11.39	373213	22.09	324914	26.92
07						
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22						

IS1 (BCM) = Bromochloromethane
 IS2 (DFB) = 1,4-Difluorobenzene
 IS3 (DBZ) = 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.

ETC

**TABULATED RESULTS
NON CLP PARAMETERS**

ETC

DEC 18, 1990

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA
Conventional Analysis Data (QR10)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CAS565	WASTE MANAGEMENT, INC.	405	W36W1H	901129	1317	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

NPDES Number	Results								
	Sample Concn. mg/l	MDL mg/l							
Chloride Fluoride	7.6 <.1	1.0 .1							

ETC

DEC 26, 1990

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours
CA5565	WASTE MANAGEMENT, INC.	405	W9GMTH	901129	1317	0

Compound	Results								
	Sample Concn. mg/l	MDL mg/l							
Sulfate as SO4	27.8	.2							
Total Dissolved Solids (TDS)	251	5							
Bicarbonate as CaCO3	180	10.0							
Carbonate as CaCO3	<10	10							

ETC

DEC 10, 1990

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5565	WASTE MANAGEMENT, INC.	405	W3GWIH	901129	1317	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.73	-							
pH (Field) std	7.74	-							
pH (Field) std	7.74	-							
pH (Field) std	7.74	-							
Specific Conductance (Field um/cm	468	-							
Specific Conductance (Field um/cm	462	-							
Specific Conductance (Field um/cm	462	-							
Specific Conductance (Field um/cm	464	-							
Temperature Deg. C	13.8	-							
Redox Potential mv	105	-							

ETC

DEC 26, 1990

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5566	WASTE MANAGEMENT, INC.	405	W3GMSW	901129	1800	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results									
	Sample Concn. mg/l	MDL mg/l								
Sulfate as SO4	26.8	.2								
Total Dissolved Solids (TDS)	407	5								
Bicarbonate as CaCO3	309	10.0								
Carbonate as CaCO3	<10	10								

ETC

DEC 10, 1990

TABLE 1: QUANTITATIVE RESULTS and QUALITY ASSURANCE DATA

Field Parameters (QR16)

Chain of Custody Data Required for ETC Data Management Summary Reports					
CA5566	WASTE MANAGEMENT, INC.	405	W3GWSW	901129 1800	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time Elapsed Hours

Parameter	Results								
	Sample Measure	MDL							
pH (Field) std	7.31	-							
pH (Field) std	7.31	-							
pH (Field) std	7.30	-							
pH (Field) std	7.31	-							
Specific Conductance (Field um/cm	811	-							
Specific Conductance (Field um/cm	808	-							
Specific Conductance (Field um/cm	796	-							
Specific Conductance (Field um/cm	759	-							
Temperature Deg. C	16.6	-							
Redox Potential mv	208	-							

ETC

DEC 26, 1990

TABLE 1: MISCELLANEOUS DATA (QR64)

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5567	WASTE MANAGEMENT, INC.	405	W3GMPZ13	901130	1156	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Compound	Results									
	Sample Concn. mg/l	MDL mg/l								
Sulfate as SO4	34.8	.2								
Total Dissolved Solids (TDS)	1130	5								
Bicarbonate as CaCO3	996	10.0								
Carbonate as CaCO3	<10	10								

ETC

DEC 10, 1990

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

Chain of Custody Data Required for ETC Data Management Summary Reports						
CA5567	WASTE MANAGEMENT, INC.	405	W3GWPZ13	901130	1158	0
ETC Sample No.	Company	Facility	Sample Point	Date	Time	Elapsed Hours

Parameter	Results									
	Sample Measure	MDL								
pH (Field) std	6.86	-								
pH (Field) std	6.86	-								
pH (Field) std	6.88	-								
pH (Field) std	6.88	-								
Specific Conductance (Field um/cm	1516	-								
Specific Conductance (Field um/cm	1487	-								
Specific Conductance (Field um/cm	1490	-								
Specific Conductance (Field um/cm	1496	-								
Temperature Deg. C	7.0	-								
Redox Potential mv	239	-								