EPA Region 5 Records Ctr.
286581

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IN	D000605709

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER
96th St. Landfill (Dump)	4100 W. 95th St.

03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Indianapolis	IN	46204	MARION	097	~~11~~ 6

09 COORDINATES LATITUDE	LONGITUDE	10 TYPE OF OWNERSHIP (Check one)
39 55 19.1	086 14 34.3	☒ A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL ☐ F. OTHER ☐ G UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION (Month Day Year)	02 SITE STATUS	03 YEARS OF OPERATION (Beginning Year / Ending Year)
3 6 84	☒ ACTIVE ☐ INACTIVE	Late 1960s / 1973 ___ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)
☐ A. EPA ☒ B. EPA CONTRACTOR Ecology & Environment Inc. (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR ___ (Name of firm)
☐ E. STATE ☐ F. STATE CONTRACTOR ___ (Name of firm) ☐ G. OTHER ___ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Tom Koch	Hydrologist	EEI	(312) 663 9415

09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
Dan Sewell	Sampler	EEI	(312) 663 9415
Randy Livingston	Technician	EEI	(312) 663 9415
Mark Lunsford	Technician	EEI	(312) 663 9415
Mike Dalton		ISBH	(317) 633 0158
Joe K.	Marion Co. Health Dept Rep. Rosie Hansel		( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO.
None @ Time of			( )
inspection			( )
Permission to enter			( )
granted by Dave Moore	Attny for Ryan Inc.	Janesville, Wi	(608) 756-4141
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☒ PERMISSION ☐ WARRANT	0830	Cloudy, 30°

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
Mike Dalton	ISBH	(317) ~~633 0158~~ 243-9100

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE (Month Day Year)
Tom Koch		EEI	312 663-9415	3 23 84

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IN	D000605709

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- [x] A. SOLID
- [ ] B. POWDER, FINES
- [x] C. SLUDGE
- [ ] D. OTHER _____ (Specify)
- [ ] E. SLURRY
- [x] F. LIQUID
- [x] G. GAS

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS _____
CUBIC YARDS ≈800,000
NO. OF DRUMS _____

03 WASTE CHARACTERISTICS (Check all that apply)

- [ ] A. TOXIC
- [x] B. CORROSIVE
- [ ] C. RADIOACTIVE
- [ ] D. PERSISTENT
- [ ] E. SOLUBLE
- [ ] F. INFECTIOUS
- [x] G. FLAMMABLE
- [ ] H. IGNITABLE
- [ ] I. HIGHLY VOLATILE
- [ ] J. EXPLOSIVE
- [ ] K. REACTIVE
- [ ] L. INCOMPATIBLE
- [ ] M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE	UNK		OILS + GREASE
SOL	SOLVENTS			
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	UNK		IGNITABLES
IOC	INORGANIC CHEMICALS			
ACD	ACIDS	UNK		CORROSIVE WASTES
BAS	BASES	UNK		
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

U.S.G.S. REPORT #77-40 "NATURE AND EXTENT OF GROUNDWATER QUALITY CHANGES RESULTING FROM SOLID-WASTE DISPOSAL, MARION CO, IND."
EPA HAZARDOUS WASTE NOTIFICATION 6-05-81
ECOLOGY + ENV. INC FILES
ISBH - FILES

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: IN
02 SITE NUMBER: D000605709

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: ~2166
02 [X] OBSERVED (DATE: 3/6/84) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Groundwater samples taken 3/6/84 contained both organic + inorganic priority pollutants. At this time we cannot positively attribute 96th st as source due to inadequate upgrade data. Upgradient wells have been proposed.

01 [X] B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: ~2166
02 [X] OBSERVED (DATE: 3/6/84) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Surface water samples taken 3/6/84 show both organic + inorganic priority pollutants

01 [X] C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: >10,000
02 [X] OBSERVED (DATE: 10/73) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Methane @ 90% concentration was recorded on site by ISBH personnel.

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
N/A

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
N/A

01 [X] F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: UNKNOWN (Acres)
02 [X] OBSERVED (DATE: 3/6/84) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Bottom sediment/soil samples taken on 3/6/84 were found to contain trichloroethene + heavy metals.

01 [X] G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: ~700
02 ☐ OBSERVED (DATE: _____) [X] POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Since monitor well samples of 3/6/84 were found to be contaminated a potential for drinking water contamination exists

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
N/A

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
N/A

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: IN
02 SITE NUMBER: 0000605709

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None observed

01 ☒ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (include name(s) of species)
Drinking of Lake or creek water by local fauna could lead to damage.

01 ☒ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Fish in Lake + creek could be contaminated due to findings in water.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES (Spills/Runoff/Standing liquids, Leaking drums) — 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION
If after installation of upgrade wells 96th St Dump is shown to be source of Lake pollution unstable conditions will be known to exist.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY — 02 ☒ OBSERVED (DATE: 3/6/84) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
Lake near site has contaminated water + bottom sediments

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
N/A

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
N/A

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS
None Known

III. TOTAL POPULATION POTENTIALLY AFFECTED: ~7,000

IV. COMMENTS
None

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
Ecology + Environment Inc HRS FILES. LAB results received 4/23/84

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IN	D000605709

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A. NPDES				
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☐ G. STATE (Specify)				
☐ H. LOCAL (Specify)				
☐ I. OTHER (Specify)				
☐ J. NONE				

NONE KNOWN

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☐ A. SURFACE IMPOUNDMENT		
☐ B. PILES		
☐ C. DRUMS, ABOVE GROUND		
☐ D. TANK, ABOVE GROUND		
☐ E. TANK, BELOW GROUND		
☒ F. LANDFILL	~800,000	cu yds.
☐ G. LANDFARM		
☐ H. OPEN DUMP		
☐ I. OTHER (Specify)		

04 TREATMENT (Check all that apply)
- ☐ A. INCENERATION
- ☐ B. UNDERGROUND INJECTION
- ☐ C. CHEMICAL/PHYSICAL
- ☐ D. BIOLOGICAL
- ☐ E. WASTE OIL PROCESSING
- ☐ F. SOLVENT RECOVERY
- ☐ G. OTHER RECYCLING/RECOVERY
- ☐ H. OTHER (Specify)

05 OTHER
- ☐ A. BUILDINGS ON SITE

NONE

06 AREA OF SITE: 16 (Acres)

07 COMMENTS: Site was a highway borrow pit leased by owners to operator for landfill.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☒ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

Mention of liner not noted in file info.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☒ YES ☐ NO

02 COMMENTS: Site is not fenced OR protected in any way. Thickness of final cover is unknown.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

EEI - H.R.S. Files.
Observation during site inspection.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE: IN
02 SITE NUMBER: 0000605709

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)

	SURFACE	WELL
COMMUNITY	A. ■	B. ■
NON-COMMUNITY	C. ☐	D. ■

02 STATUS

ENDANGERED	AFFECTED	MONITORED
A. ☐	B. ☐	C. ■
D. ☐	E. ☐	F. ☐

03 DISTANCE TO SITE
A. ~1.8 (mi)
B. 0.60 (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING ☒ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) ☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) ☐ D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER ~700
03 DISTANCE TO NEAREST DRINKING WATER WELL 0.60 (mi)

04 DEPTH TO GROUNDWATER ~5.0 (ft)
05 DIRECTION OF GROUNDWATER FLOW ESE
06 DEPTH TO AQUIFER OF CONCERN 5'+60' (ft)
07 POTENTIAL YIELD OF AQUIFER 0-72,000 (gpd)
08 SOLE SOURCE AQUIFER ☐ YES ☒ NO

09 DESCRIPTION OF WELLS (Including usage, depth, and location relative to population and buildings)
a shallow + deeper aquifer exist under the sight. 2 wells sampled were in the shallow aquifer - 1 was in the deeper.

10 RECHARGE AREA ☒ YES ☐ NO
COMMENTS: Site recharges Crooked ck. ⇒ water.

11 DISCHARGE AREA ☐ YES ☐ NO
COMMENTS

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☒ A. RESERVOIR, RECREATION DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
Crooked Creek (Oil Ck)	☐	<0.10 (mi)
Unnamed Lake	☐	<0.10 (mi)
Eagle Ck. Reservoir	☐	~2.0 (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A. ~654 NO OF PERSONS	B. ~9166 NO OF PERSONS	C. ~6,977 NO OF PERSONS

02 DISTANCE TO NEAREST POPULATION ~0.60 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE ~570
04 DISTANCE TO NEAREST OFF-SITE BUILDING ~0.25 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)
Population around site is mostly in scattered neighborhoods and some densely populated areas.

☆ See back of page for population calculations

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE: IN | 02 SITE NUMBER: D000605709

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☒ B. $10^{-4} - 10^{-6}$ cm/sec ☐ C. $10^{-4} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE (Less than 10^{-8} cm/sec) ☐ B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-8}$ cm/sec) ☒ C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH
160' (ft)	— (ft)	—

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
40 (in)	2.5 (in)	0-2 %	South	0-2 %

09 FLOOD POTENTIAL: SITE IS IN NO YEAR FLOODPLAIN

10 ☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum): ESTUARINE A. _____ (mi); OTHER B. 0.75 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species): — (mi); ENDANGERED SPECIES: —

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AGRICULTURAL LANDS: AG LAND
A. 0.1 (mi)	B. ~.75 (mi)	C. _____ (mi)	D. _____ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

Area immediately around site is relatively flat and low lying. Some wooded areas and marshland are nearby.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

U.S.G.S 7.5' TOPO CARMEL QUAD 1967
U.S.G.S., Report # 77-40
Technical Atlas of G-W Resources of Marion Co, IND.
Pop. of 700 using GW based on ~30% of 2166 = ~700

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IN	D000605709

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	3	ORGANICS for all samples	LATE
SURFACE WATER	2	sent to E.T.C. Labs.	April
WASTE			to
AIR		All INORGANICS sent to	mid
RUNOFF		U.S. Testing labs	may
SPILL			
SOIL	2		
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN NONE

01 TYPE	02 COMMENTS

IV. PHOTOGRAPHS AND MAPS

01 TYPE ☒ GROUND ☐ AERIAL

02 IN CUSTODY OF REGION V FIT FILES (Name of organization or individual)

03 MAPS ☒ YES ☐ NO

04 LOCATION OF MAPS E.E.I. files

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

Took pictures of all sample points.

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

E.E.I - HRS files
U.S.G.S. report #77-40 "Nature + Extent of GW Quality Changes Resulting from Solid-Waste Disposal in Marion Co., IN.

EPA FORM 2070-13 (7-81)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IN	D000605709

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER
RYAN INC.			

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE
(608) 754-2291			

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE
Janesville	WI				

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

01 NAME	02 D+B NUMBER	08 NAME	09 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

IV. REALTY OWNER(S) (If applicable, list most recent first)

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

DAVID MOORE - ATTNY FOR RYAN INC. - 608-756-4141

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IN	D000605709

II. CURRENT OPERATOR (Provide if different from owner)

01 NAME: SANITATION CORP. of America Mortimer A Present	02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): 553 W. 73rd ST	04 SIC CODE:
05 CITY: Indianapolis	06 STATE: In
07 ZIP CODE: 46260	
08 YEARS OF OPERATION: Late 1960's 1973	09 NAME OF OWNER: MORTIMER A. Present

OPERATOR'S PARENT COMPANY (If applicable)

10 NAME:	11 D+B NUMBER:
12 STREET ADDRESS (P.O. Box, RFD #, etc.):	13 SIC CODE:
14 CITY:	15 STATE:
16 ZIP CODE:	

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)

01 NAME:	02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.):	04 SIC CODE:
05 CITY:	06 STATE:
07 ZIP CODE:	
08 YEARS OF OPERATION:	09 NAME OF OWNER DURING THIS PERIOD:

PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)

10 NAME:	11 D+B NUMBER:
12 STREET ADDRESS (P.O. Box, RFD #, etc.):	13 SIC CODE:
14 CITY:	15 STATE:
16 ZIP CODE:	

01 NAME:	02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.):	04 SIC CODE:
05 CITY:	06 STATE:
07 ZIP CODE:	
08 YEARS OF OPERATION:	09 NAME OF OWNER DURING THIS PERIOD:

10 NAME:	11 D+B NUMBER:
12 STREET ADDRESS (P.O. Box, RFD #, etc.):	13 SIC CODE:
14 CITY:	15 STATE:
16 ZIP CODE:	

01 NAME:	02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.):	04 SIC CODE:
05 CITY:	06 STATE:
07 ZIP CODE:	
08 YEARS OF OPERATION:	09 NAME OF OWNER DURING THIS PERIOD:

10 NAME:	11 D+B NUMBER:
12 STREET ADDRESS (P.O. Box, RFD #, etc.):	13 SIC CODE:
14 CITY:	15 STATE:
16 ZIP CODE:	

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Phone call from David Moore on 11/23/83 - attny for owners Ryan + assoc.

*Note Attny for ~~own~~ operators is Walter E Jones 317-257-4066

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IN	000605709

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
Eli Lilly + Co.			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
307 E. McCarty St			
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
Indianapolis	IN	46285			
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
Dow Chemical			
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
9550 W. 96th St			
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
Indianapolis	IN	46268			

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Ecology + Environment H.R.S. files
Notification of Hazardous Waste Site Form

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IN	D000605709

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ D. SPILLED MATERIAL REMOVED — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ E. CONTAMINATED SOIL REMOVED — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ F. WASTE REPACKAGED — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ G. WASTE DISPOSED ELSEWHERE — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ H. ON SITE BURIAL — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ I. IN SITU CHEMICAL TREATMENT — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ J. IN SITU BIOLOGICAL TREATMENT — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ K. IN SITU PHYSICAL TREATMENT — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ L. ENCAPSULATION — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ M. EMERGENCY WASTE TREATMENT — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ N. CUTOFF WALLS — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ P. CUTOFF TRENCHES/SUMP — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

01 ☐ Q. SUBSURFACE CUTOFF WALL — 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IN	D000605709

II. PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☒ W. GAS CONTROL — 02 DATE 11/6/73 — 03 AGENCY ISBH
04 DESCRIPTION gas vent system installed

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

ISBH Memo 11/6/73 in E+E HRS FILES

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
IN	000605709

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ☒ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Attachment 1

Waste Types On-site

All stored wastes have been removed from its site, and removal of contaminated soil is in progress. The company has estimated that it had storage space for 10,630 to 20,750 drums of waste. There is documentation (10/29/81 ISBH office memorandum) that 9,800 drums were stored on-site in November, 1980. A cost estimate for closure of the site made in August, 1982 indicated the presence of 482,662 gallons of waste stored in drums and in bulk storage. This included 209,150 gallons of waste solvents, 60,480 gallons of acids and caustics, 5,050 gallons of coolant with lead, 49,950 gallons of wire drawing compounds, 7,562 gallons of container residues, 41,400 gallons of chlorinated organics 11,500 gallons of still bottoms (unspecified), and 97,570 gallons of miscellaneous hazardous wastes.

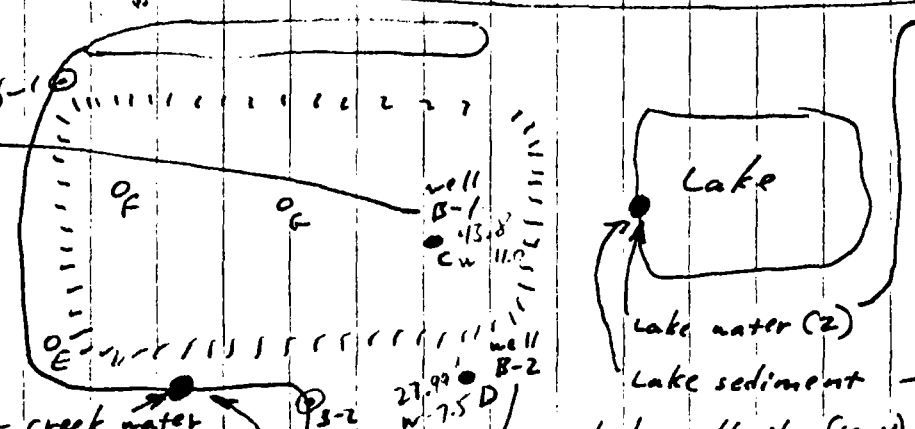
Waste types known to have been stored at the Covington Road site include acids and caustics, animal fat, ink sludges, grinding sludges, oil sludges, paint sludges, wire enamel, filters from enameling and painting operation, organic solvents, scrap rubber and vehicle undercoating. These wastes are known to contain metals (Ag, As, Ba, Ca, Cr, Hg, Pb, Se), and unchlorinated and chlorinated organic solvents (acetone, cresylic acid, ethyl acetate, methyl ethyl ketone, methyl isobutyl ketone, phenol, toluene, xylene, and 1,1,1-trichloroethane. The company also stored and brokered a wide variety of waste oils, chlorinated hydrocarbons, selected pesticides, and enamels and varnishes. These may also have been stored at the Covington Road site.

96 rh

acetone (39)
methylcyclohexane (T)
hexahydro 2-H-Azepin-2-one (T)
tetra hydro furan (T)

-Al	45,300	-Co	58
-Cr	350	-Cu	259
-Ba	1060	-Fe	158,000
		-Ni	280
		-Mn	2660
		-Zn	835
		-As	92
		-Hg	0.7
		-Sn	135
		-Cd	7.5
		-Pb	600

well B-3 H-2 54.2



methylcyclohexane (T)

-Al	508
-Cr	13
-Ba	2230
-Fe	10,900
-Mn	83
-Zn	64
-Sn	65
-Pb	11

methylcyclohexane (T)

-Cr	13
-Fe	326
-Ni	90
-Mn	81
-Zn	50
-Hg	0.5
Pb	7

methylene chloride 17.3
trichloroethene 12.0

-Al	3630	-Zn	29.9
-Cr	8.7	-Va	12.3
-Ba	27.2	-As	3.5
-Co	4.9	-Se	0.55
-Cu	9.4	-Sn	6.0
-Fe	9800	-Cd	0.12
-Ni	12.5	-Pb	23.5
-Mn	298		

methylene chloride (10.4)
~~methylene chloride~~
acetone (280)
1,4 Dioxane (T)
Triethylester phosphoric acid (T)
1,7,7,-trimethyl bicyclo (2,2,1) heptanone-2-one (T)
3,4,-Dimethyl benzoic acid (T)
Tetrahydrofuran (T)
1,5-oxy bis-ethane (T)

-Al	8400
-Cr	25
-Ba	1390
-Cu	69
-Fe	23,900
-Ni	106
-Mn	527
-Zn	160
-As	37
-Sn	74
-Pb	128

Blank - 44.7 acetone

-Al	264
-Cr	17
-Fe	180
-Ni	43
-Hg	0.3

I-465

① -methylcyclohexane (T)
-benzothiazole (T)

-Al	211	-Zn	5
-Cr	17		
-Fe	230		
-Ni	63		
-Mn	23		

② -methylcyclohexane (T)
-benzothiazole (T)

-Al	240	-Zn	135
-Fe	402		
-Ni	74		
-Mn	28		

methylene chloride 15.
trichloroethene 29.6
acetone 35.2
2-butanone 3.9

-Al	5750	-Co	6.3
-Cr	11.2	-Cu	13.6
-Ba	41.1	-Fe	11,700
-Be	0.3	-Ni	15
		-Mn	316
		-Zn	33.1
		-Va	17.2
		-As	4.2
		-Se	0.4
		-Hg	0.2
		-Sn	5.5
		-Cd	0.14
		-Pb	22.5

Site Name / TDD#: 96TH ST. LAND [illegible]

Case Number : 3512

Sampling Date: 3-6-84

Sampling Time: 1015

Sample/Station Location: B-1 / WELL B-1

Organic Traffic Number E 8266 TAGS 5-36409 → 5-36412

Inorganic Traffic Number ME 3949

High Hazard Traffic Number E

Physical Description

At time of collection: CLEAR, LIGHT SEDIMENT

Physical Changes (if any)

From time of collection until shipment: NONE

Instrument Readings (i.e. - pH, conductivity...): —

Sampling Date: 3-6-84

Sampling Time: 1000

Sample/Station Location: B-2 / WELL B-2

Organic Traffic Number E 8267 TAGS 5-36413 → 5-36416

Inorganic Traffic Number ME 3950

High Hazard Traffic Number E

Physical Description

At time of collection: BRAWNISH, MEDIUM SEDIMENT

Physical Changes (if any)

From time of collection until shipment: NONE

Instrument Readings (i.e. - ph, conductivity...): —

Site Name / TDD#: 26TH SE AVENUE / RS-8707-4, [illegible]

Case Number : 8512

Sampling Date: 3-6-84

Sampling Time: 1300

Sample/Station Location: B-3 / WELL B-3

Organic Traffic Number E 3268 TAES: 5-36417 → 5-36420

Inorganic Traffic Number ME 3951

High Hazard Traffic Number E

Physical Description

At time of collection: GRAY TO BLACK, LIGHT SEDIMENT; SLIGHT ODOR

Physical Changes (if any)

From time of collection until shipment: NONE

Instrument Readings (i.e. - pH, conductivity...): —

Sampling Date: 3-6-84

Sampling Time: 0940

Sample/Station Location: SW-1 / LAKE

Organic Traffic Number E 8270 TAES: 5-36425 → 5-36428

Inorganic Traffic Number ME 3953

High Hazard Traffic Number E

Physical Description

At time of collection: CLEAR, LIGHT SEDIMENT

Physical Changes (if any)

From time of collection until shipment: NONE

Instrument Readings (i.e. - ph, conductivity...): —

Site Name / TDD#: [illegible]

Case Number : 2512

Sampling Date: 3-6-84

Sampling Time: 1120

Sample/Station Location: BLANK

Organic Traffic Number E 8271 TAGS 5-36429 → 5-36432

Inorganic Traffic Number ME 3954

High Hazard Traffic Number E

Physical Description

At time of collection: DISTILLED WATER

Physical Changes (if any)

From time of collection until shipment: NONE

Instrument Readings (i.e. - pH, conductivity...): —

Sampling Date: 3-6-84

Sampling Time: 0930

Sample/Station Location: SW-1 / LAKE

Organic Traffic Number E 8272 TAGS 5-36433 → 5-36436

Inorganic Traffic Number ME 3955

High Hazard Traffic Number E

Physical Description

At time of collection: CLEAR LIGHT SEDIMENT

Physical Changes (if any)

From time of collection until shipment: NONE

Instrument Readings (i.e. - ph, conductivity...): —

Site Name / TDD#: 16th St Lump / 85-2307 / IN0140

Case Number : 3512

Sampling Date: 3-6-84

Sampling Time: 1130

Sample/Station Location: SW-2 / CREEK

Organic Traffic Number E 8873 TAES 5-36437 → 5-36440

Inorganic Traffic Number ME 3956

High Hazard Traffic Number E

Physical Description

At time of collection: CLEAR TO YELLOWISH, LIGHT SEDIMENT

Physical Changes (if any)

From time of collection until shipment: NONE

Instrument Readings (i.e. - pH, conductivity...): —

Sampling Date: 3-6-84

Sampling Time: 1045

Sample/Station Location: S-1 / LAKE SEDIMENT

Organic Traffic Number E 8874 TAES 5-36441 → 5-36442

Inorganic Traffic Number ME 3957

High Hazard Traffic Number E

Physical Description

At time of collection: SEDIMENT

Physical Changes (if any)

From time of collection until shipment: NONE

Instrument Readings (i.e. - ph, conductivity...): —

Site Name / TDD#: 96th St Dump / [illegible] INDIANA

Case Number : 2512

Sampling Date: 3-6-84

Sampling Time: 1140

Sample/Station Location: S-2 / CREEK SEDIMENT

Organic Traffic Number E 8275 TAGS: S-36443 → S-36444

Inorganic Traffic Number ME 3958

High Hazard Traffic Number E

Physical Description

At time of collection: SEDIMENT

Physical Changes (if any)

From time of collection until shipment: NONE

Instrument Readings (i.e. - pH, conductivity...): ——

Sampling Date:

Sampling Time:

Sample/Station Location:

Organic Traffic Number E

Inorganic Traffic Number ME

High Hazard Traffic Number E

Physical Description

At time of collection:

Physical Changes (if any)

From time of collection until shipment:

Instrument Readings (i.e. - ph, conductivity...):

US ENVIRONMENTAL PROTECTION AGENCY
HWI Sample Management Office
P.O. Box 818 — Alexandria, Virginia 22313
703/557-2490 FTS 8-557-2490

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Sample No.
ME 3949

84MK04551

INORGANICS ANALYSIS DATA SHEET

LAB NAME United States Testing Co., Inc. CASE NO. 2512

LAB SAMPLE ID. NO. 76105-1 QC REPORT NO.

TASK 1 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Aluminum	508
2.	Chromium	13
3.	Barium	2230
4.	Beryllium	<5
5.	Cobalt	<50
6.	Copper	<50
7.	Iron	10900
8.	Nickel	<40
9.	Manganese	83
10.	Zinc	64
11.	Vanadium	<200
12.	Silver	<10

TASK 2 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Arsenic	<10
2.	Antimony	<20
3.	Selenium	<2
4.	Thallium	<10
5.	Mercury	<0.2
6.	Tin	65
7.	Cadmium	<1
8.	Lead	11

TASK 3 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1. Ammonia
2. Cyanide
3. Sulfide

COMMENTS:

Frank Buggsch
3/29/84

US ENVIRONMENTAL PROTECTION AGENCY
HQ Sample Management Office
P.O. Box 818 — Alexandria, Virginia 22313
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Sample No.
ME 3950

84MK04SS2

INORGANICS ANALYSIS DATA SHEET

LAB NAME United States Testing Co., Inc. CASE NO. 2512

LAB SAMPLE ID. NO. 7605-2 QC REPORT NO.

TASK 1 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Aluminum	8400
2.	Chromium	25
3.	Barium	1390
4.	Beryllium	<5
5.	Cobalt	<50
6.	Copper	69
7.	Iron	23900
8.	Nickel	106
9.	Manganese	527
10.	Zinc	160
11.	Vanadium	<200
12.	Silver	<10

TASK 2 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Arsenic	37
2.	Antimony	<20
3.	Selenium	<2
4.	Thallium	<10
5.	Mercury	<0.2
6.	Tin	74
7.	Cadmium	<1
8.	Lead	128

TASK 3 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1. Ammonia
2. Cyanide
3. Sulfide

COMMENTS:

Frank Burgraff
3/29/84

US ENVIRONMENTAL PROTECTION AGENCY
HQ Sample Management Office
P.O. Box 818 – Alexandria, Virginia 22313
703/557-2490 FTS 8-557-2490

RECEIVED APR 11 1984

Sample No.
ME 3951

84MK04553

INORGANICS ANALYSIS DATA SHEET

LAB NAME United States Testing Co., Inc. CASE NO. 2512

LAB SAMPLE ID. NO. 76105-3 QC REPORT NO.

TASK 1 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Aluminum	45300
2.	Chromium	350
3.	Barium	1060
4.	Beryllium	<5
5.	Cobalt	58
6.	Copper	259
7.	Iron	158000
8.	Nickel	260
9.	Manganese	2660
10.	Zinc	835
11.	Vanadium	<200
12.	Silver	<10

TASK 2 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Arsenic	92
2.	Antimony	<20
3.	Selenium	<2
4.	Thallium	<10
5.	Mercury	0.7
6.	Tin	185
7.	Cadmium	7.5
8.	Lead	600

TASK 3 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1. Ammonia
2. Cyanide
3. Sulfide

COMMENTS:

Frank Bergquist
3/29/84

US ENVIRONMENTAL PROTECTION AGENCY
HQ Sample Management Office
P.O. Box 818 – Alexandria, Virginia 22313
703/557-2490 FTS 8-557-2490

RECEIVED APR 11 1984

Sample No.
ME 3953

84MK04554

INORGANICS ANALYSIS DATA SHEET

LAB NAME United States Testing Co., Inc. CASE NO. 2512

LAB SAMPLE ID. NO. 76105-4 QC REPORT NO.

TASK 1 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Aluminum	211
2.	Chromium	17
3.	Barium	<100
4.	Beryllium	<5
5.	Cobalt	<50
6.	Copper	<50
7.	Iron	230
8.	Nickel	63
9.	Manganese	23
10.	Zinc	59
11.	Vanadium	<200
12.	Silver	<10

TASK 2 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Arsenic	<10
2.	Antimony	<20
3.	Selenium	<2
4.	Thallium	<10
5.	Mercury	<0.2
6.	Tin	<20
7.	Cadmium	<1
8.	Lead	<5

TASK 3 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1. Ammonia
2. Cyanide
3. Sulfide

COMMENTS:

Frank Buggnetti
3/29/84

US ENVIRONMENTAL PROTECTION AGENCY
HWI Sample Management Office
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Sample No.
ME 3955

84MK04 ~~555~~
D 54

INORGANICS ANALYSIS DATA SHEET

LAB NAME United States Testing Co., Inc. CASE NO. 2512

LAB SAMPLE ID. NO. 76105-6 QC REPORT NO.

TASK 1 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Aluminum	240
2.	Chromium	<10
3.	Barium	<100
4.	Beryllium	<5
5.	Cobalt	<50
6.	Copper	<50
7.	Iron	402
8.	Nickel	74
9.	Manganese	28
10.	Zinc	135
11.	Vanadium	<200
12.	Silver	<10

TASK 2 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Arsenic	<10
2.	Antimony	<20
3.	Selenium	<2
4.	Thallium	<10
5.	Mercury	<0.2
6.	Tin	<20
7.	Cadmium	<1
8.	Lead	<5

TASK 3 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Ammonia
2.	Cyanide
3.	Sulfide

COMMENTS:

Frank Burgstahler
3/29/84

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HWI Sample Management Office
P.O. Box 818 — Alexandria, Virginia 22313
703/557-2490 FTS 8-557-2490

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Sample No.
MC 3954

84MK04R11

INORGANICS ANALYSIS DATA SHEET

LAB NAME United States Testing Co., Inc. CASE NO. 2512

LAB SAMPLE ID. NO. 76105-5 QC REPORT NO.

TASK 1 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Aluminum	264
2.	Chromium	17
3.	Barium	<100
4.	Beryllium	<5
5.	Cobalt	<50
6.	Copper	<50
7.	Iron	180
8.	Nickel	43
9.	Manganese	<10
10.	Zinc	<10
11.	Vanadium	<200
12.	Silver	<10

TASK 2 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Arsenic	<10
2.	Antimony	<20
3.	Selenium	<2
4.	Thallium	<10
5.	Mercury	0.3
6.	Tin	<20
7.	Cadmium	<1
8.	Lead	<5

TASK 3 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Ammonia	
2.	Cyanide	
3.	Sulfide	

COMMENTS:

Frank Burgraff
3/29/84

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HQ Sample Management Office
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Sample No.
AC 3956

INORGANICS ANALYSIS DATA SHEET

84MK04S55

LAB NAME United States Testing Co., Inc.
CASE NO. 2512
LAB SAMPLE ID. NO. 76105-7
QC REPORT NO.

TASK 1 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Aluminum	<200
2.	Chromium	13
3.	Barium	<100
4.	Beryllium	<5
5.	Cobalt	<50
6.	Copper	<50
7.	Iron	3,26
8.	Nickel	90
9.	Manganese	81
10.	Zinc	50
11.	Vanadium	<200
12.	Silver	<10

TASK 2 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Arsenic	<10
2.	Antimony	<20
3.	Selenium	<2
4.	Thallium	<10
5.	Mercury	0.5
6.	Tin	<20
7.	Cadmium	<1
8.	Lead	7

TASK 3 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1. Ammonia
2. Cyanide
3. Sulfide

COMMENTS:

Frank Buggrach
3/29/84

US ENVIRONMENTAL PROTECTION AGENCY
HW Sample Management Office
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703/557-2490 FTS 8-557-2490

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Sample No.
MC 3957

84 MK04556

INORGANICS ANALYSIS DATA SHEET

LAB NAME United States Testing Co., Inc. CASE NO. 2512

LAB SAMPLE ID. NO. 76105-8 QC REPORT NO.

TASK 1 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Aluminum	5750
2.	Chromium	11.2
3.	Barium	41.1
4.	Beryllium	0.3
5.	Cobalt	6.3
6.	Copper	13.6
7.	Iron	11700
8.	Nickel	15
9.	Manganese	316
10.	Zinc	33.1
11.	Vanadium	17.2
12.	Silver	<0.5

TASK 2 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Arsenic	4.2
2.	Antimony	<1
3.	Selenium	0.4
4.	Thallium	<0.5
5.	Mercury	0.2
6.	Tin	5.5
7.	Cadmium	0.14
8.	Lead	22.5

TASK 3 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1. Ammonia
2. Cyanide
3. Sulfide

COMMENTS:

Frank Buczynski
3/29/84

US ENVIRONMENTAL PROTECTION AGENCY
HWI Sample Management Office
P.O. Box 818 — Alexandria, Virginia 22313
703/557-2490 FTS 8-557-2490

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Sample No.
ME 3958

84MK04557

INORGANICS ANALYSIS DATA SHEET

LAB NAME United States Testing Co., Inc. CASE NO. 2512

LAB SAMPLE ID. NO. 76105-9 QC REPORT NO.

TASK 1 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Aluminum	3630
2.	Chromium	8.7
3.	Barium	27.2
4.	Beryllium	<0.25
5.	Cobalt	4.9
6.	Copper	9.4
7.	Iron	9800
8.	Nickel	12.5
9.	Manganese	298
10.	Zinc	29.9
11.	Vanadium	12.3
12.	Silver	<0.5

TASK 2 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1.	Arsenic	3.5
2.	Antimony	<1
3.	Selenium	0.55
4.	Thallium	<0.5
5.	Mercury	<0.1
6.	Tin	6.0
7.	Cadmium	0.12
8.	Lead	23.5

TASK 3 (Elements to be Identified and Measured)

ug/l or mg/kg (circle one)

1. Ammonia
2. Cyanide
3. Sulfide

COMMENTS:

Frank Buczynski
3/29/84

P.O. Box 818, Alexandria, Virginia 22313 - 703 557-2490

E8266

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E1123
Sample Matrix: WATER
Data Release Authorized By:

Case No: 2512 84MK0455
QC Report No: QC 1500
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 3/7/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/13/84
DATE ANALYZED: 3/13/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR: —

PP #	CAS #		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	40u
(3V)	107-13-1	acrylonitrile	40u
(4V)	71-43-2	benzene	4.0k
(6V)	56-23-5	carbon tetrachloride	4.0u
(7V)	108-90-7	chlorobenzene	4.0u
(10V)	107-06-2	1,2-dichloroethane	4.0u
(11V)	71-55-6	1,1,1-trichloroethane	4.0u
(13V)	75-34-3	1,1-dichloroethane	4.0u
(14V)	79-00-5	1,1,2-trichloroethane	4.0u
(15V)	79-34-5	1,1,2,2-tetrachloroethane	4.0u
(16V)	75-00-3	chloroethane	4.0u
(19V)	110-75-8	2-chloroethylvinyl ether	4.0u
(23V)	67-66-3	chloroform	4.0u
(29V)	75-35-4	1,1-dichloroethene	4.0u
(30V)	156-60-5	trans-1,2-dichloroethene	4.0u
(32V)	78-87-5	1,2-dichloropropane	4.0u
(33V)	10061-02-6	trans-1,3-dichloropropene	4.0u
	10061-01-05	cis-1,3-dichloropropene	4.0u
(38V)	100-41-4	ethylbenzene	4.0u
(44V)	75-09-2	methylene chloride	4.0uB
(45V)	74-87-3	chloromethane	4.0u
(46V)	74-83-9	bromomethane	4.0u
(47V)	75-25-2	bromoform	4.0u
(48V)	75-27-4	bromodichloromethane	4.0u
(49V)	75-69-4	fluorotrichloromethane	4.0u
(50V)	75-71-8	dichlorodifluoromethane	4.0u
(51V)	124-48-1	chlorodibromomethane	4.0u
(85V)	127-18-4	tetrachloroethene	4.0u
(86V)	108-88-3	toluene	4.0u
(87V)	79-01-6	trichloroethene	4.0u
(88V)	75-01-4	vinyl chloride	4.0u
	67-64-1	acetone	4.0uB
	78-93-3	2-butanone	4.0u
	75-15-0	carbondisulfide	4.0u
	519-78-6	2-hexanone	4.0u
	108-10-1	4-methyl-2-pentanone	4.0u
	100-42-5	styrene	4.0u
	108-05-4	vinyl acetate	4.0u
	1330-20-7	total xylenes	4.0u

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 4/4/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR: —

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PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.2u
(90P)	60-57-1	dieldrin	0.2u
(91P)	57-74-9	chlordane	0.9u
(92P)	50-29-3	4,4'-DDT	0.3u
(93P)	72-55-9	4,4'-DDE	0.2u
(94P)	72-54-8	4,4'-DDD	0.2u
(95P)	115-29-7	α-endosulfan	0.2u
(96P)	115-29-7	β-endosulfan	0.2u
(97P)	1031-07-8	endosulfan sulfate	0.4u
(98P)	72-20-8	endrin	0.1u
(99P)	7421-93-4	endrin aldehyde	0.1k
(100P)	76-44-8	heptachlor	0.2u
(101P)	1024-57-3	heptachlor epoxide	0.3u
(102P)	319-84-6	α-BHC	0.2u
(103P)	319-85-7	β-BHC	0.3u
(104P)	319-86-8	δ-BHC	0.2u
(105P)	58-89-9	γ-BHC (lindane)	0.2u
(106P)	53469-21-9	PCB-1242	2.0u
(107P)	11097-69-1	PCB-1254	2.0u
(108P)	11104-28-2	PCB-1221	2.0u
(109P)	11141-16-5	PCB-1232	2.0u
(110P)	12672-29-6	PCB-1248	2.0u
(111P)	11096-82-5	PCB-1260	2.0u
*(112P)	12674-11-2	PCB-1016	1.0u
(113P)	8001-35-2	toxaphene	1.0u

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

DIOXINS

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

0009

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

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

December 1983

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E1123
Sample Matrix: Water
Data Release Authorized By: David H. Spaid

Case No: 2512
QC Report No: 1486
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 3/7/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 3/15/84
PERCENT MOISTURE: _____
CONC./DILUTION FACTOR: _____

RECEIVED APR 23 1984

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

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

December 1983

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

ORGANICS ANALYSIS DATA SHEET - Page 3

Lab Sample Number: EB5(f

Laboratory Name: ETC Corp Case No: 2512

QC Report No: 148c

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B. Tentatively Identified Compounds

	CAS #	Compound Name	Fraction	Estimated Retention Time	% Maximum Score Attained Mass Matching Routines (Specify: PBM)	Estimated Concentration (ug/l or ug/kg)
1.	10557	methylcyclohexane	B/N/A	6.6	63	13J
2.		NONE FOUND	VOA			
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						
21.						
22.						
23.						
24.						
25.						
26.						
27.						
28.						
29.						
30.						

J = estimated value

FORM II (continued)

ORGANICS ANALYSIS DATA SHEET

84MK04552

Laboratory Name: ETC Corp.
Lab Sample ID No: E1124
Sample Matrix: Water
Date Release Authorized By: [signature]

Case No: 2572
QC Report No: QC1500
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 3/7/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/13/84
DATE ANALYZED: 3/13/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR: —

PP #	CAS #		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	40 U
(3V)	107-13-1	acrylonitrile	40 U
(4V)	71-43-2	benzene	4.0K
(6V)	56-23-5	carbon tetrachloride	4.0U
(7V)	108-90-7	chlorobenzene	4.0U
(10V)	107-06-2	1,2-dichloroethane	4.0U
(11V)	71-55-6	1,1,1-trichloroethane	4.0U
(13V)	75-34-3	1,1-dichloroethane	4.0U
(14V)	79-00-5	1,1,2-trichloroethane	4.0U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	4.0U
(16V)	75-00-3	chloroethane	4.0U
(19V)	110-75-8	2-chloroethylvinyl ether	4.0U
(23V)	67-66-3	chloroform	4.0U
(29V)	75-35-4	1,1-dichloroethene	4.0U
(30V)	156-60-5	trans-1,2-dichloroethene	4.0U
(32V)	78-87-5	1,2-dichloropropane	4.0U
(33V)	10061-02-6	trans-1,3-dichloropropene	4.0U
—	10061-01-05	cis-1,3-dichloropropene	4.0U
(38V)	100-41-4	ethylbenzene	4.0U
(44V)	75-09-2	methylene chloride	10.4C
(45V)	74-87-3	chloromethane	4.0U
(46V)	74-83-9	bromomethane	4.0U
(47V)	75-25-2	bromoform	4.0U
(48V)	75-27-4	bromodichloromethane	4.0U
(49V)	75-69-4	fluorotrichloromethane	4.0U
(50V)	75-71-8	dichlorodifluoromethane	4.0U
(51V)	124-48-1	chlorodibromomethane	4.0U
(85V)	127-18-4	tetrachloroethene	4.0U
(86V)	108-88-3	toluene	4.0U
(87V)	79-01-6	trichloroethene	4.0U
(88V)	75-01-4	vinyl chloride	4.0U
	67-64-1	acetone	280C
	78-93-3	2-butanone	4.0U
	75-15-0	carbondisulfide	4.0U
	519-78-6	2-hexanone	4.0U
	108-10-1	4-methyl-2-pentanone	4.0U
	100-42-5	styrene	4.0U
	108-05-4	vinyl acetate	4.0U
	1330-20-7	total xylenes	4.0U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 4/4/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR: —

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PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.2u
(90P)	60-57-1	dieldrin	0.2u
(91P)	57-74-9	chlordane	0.9u
(92P)	50-29-3	4,4'-DDT	0.3K
(93P)	72-55-9	4,4'-DDE	0.2u
(94P)	72-54-8	4,4'-DDD	0.2u
(95P)	115-29-7	α-endosulfan	0.2u
(96P)	115-29-7	β-endosulfan	0.2u
(97P)	1031-07-8	endosulfan sulfate	0.4K
(98P)	72-20-8	endrin	0.1K
(99P)	7421-93-4	endrin aldehyde	0.1K
(100P)	76-44-8	heptachlor	0.2u
(101P)	1024-57-3	heptachlor epoxide	0.2u
(102P)	319-84-6	α-BHC	0.2u
(103P)	319-85-7	β-BHC	0.2u
(104P)	319-86-8	δ-BHC	0.2u
(105P)	58-89-9	γ-BHC (lindane)	0.2u
(106P)	53469-21-9	PCB-1242	2.0u
(107P)	11097-69-1	PCB-1254	2.0u
(108P)	11104-28-2	PCB-1221	2.0u
(109P)	11141-16-5	PCB-1232	2.0u
(110P)	12672-29-6	PCB-1248	2.0u
(111P)	11096-82-5	PCB-1260	2.0u
(112P)	12674-11-2	PCB-1016	1.0u
(113P)	8001-35-2	toxaphene	1.0u

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

DIOXINS

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

0019

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

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

December 1983

28-67

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp. | Case No: 2512
Lab Sample ID No: E1120 | QC Report No: 1486
Sample Matrix: Water | Contract No.: 68-01-6766,6788,6789,6790
Data Release Authorized By: [signature] | Date Sample Received: 3/7/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 3/15/84
PERCENT MOISTURE: _____
CONC./DILUTION FACTOR: _____

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PP #	CAS #		ug/l or ug/kg (circle one)
(21A)	88-06-2	2,4,6- trichlorophenol	40 U
(22A)	59-50-7	p-chloro-m-cresol	40 U
(24A)	95-57-8	2- chlorophenol	40 U
(31A)	120-83-2	2,4-dichlorophenol	40 U
(34A)	105-67-9	2,4-dimethylphenol	40 U
(57A)	88-75-5	2- nitrophenol	40 U
(58A)	100-02-7	4-nitrophenol	40 U
(59A)	51-28-5	2,4-dinitrophenol	40 U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	40 U
(64A)	87-86-5	pentachlorophenol	40 U
(65A)	108-95-2	phenol	40 K
	65-85-0	benzoic acid	40 K
	95-48-7	2-methylphenol	40 U
	108-39-4	4-methylphenol	40 U
	95-95-4	2,4,5-trichlorophenol	40 U
(1B)	83-32-9	acenaphthene	20 U
(5B)	92-87-5	benzidine	20 U
(8B)	120-82-1	1,2,4-trichlorobenzene	20 U
(9B)	118-74-1	hexachlorobenzene	20 U
(12B)	67-72-1	hexachloroethane	20 U
(15B)	111-44-4	bis(2-chloroethyl)ether	20 U
(20B)	91-58-7	2-chloronaphthalene	20 U
(25B)	95-50-1	1,2-dichlorobenzene	20 U
(26B)	541-73-1	1,3-dichlorobenzene	20 U
(27B)	106-46-7	1,4-dichlorobenzene	20 U
(28B)	91-94-1	3,3'-dichlorobenzidine	20 U
(35B)	121-14-2	2,4-dinitrotoluene	20 U
(36B)	606-20-2	2,6-dinitrotoluene	20 U
(37B)	122-66-7	1,2-diphenylhydrazine	20 U
(39B)	206-44-0	fluoranthene	20 U
(40B)	7005-72-3	4-chlorophenyl phenyl ether	20 U
(41B)	101-55-3	4-bromophenyl phenyl ether	20 U
(42B)	39638-32-9	bis (2-chloroisopropyl) ether	20 U
(43B)	111-91-1	bis (2-chloroethoxy) methane	20 U

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

December 1983

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

ORGANICS ANALYSIS DATA SHEET - Page 3

Case # ES267

Laboratory Name: ETC Corp Case No: 2512

QC Report No: 1486

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B. Tentatively Identified Compounds

	CAS #	Compound Name	Fraction	Scan No. or Retention Time	% Maximum Score Attained Mass Matching Routine (Specify: PBM)	Estimated Concentration (ug/l or ug/g)
1.	123911	1,4-Dioxane	B/N/A	32	64	46 J
2.		unknown	B/N/A	799		12 J
3.	78405	triethylester phosphoric acid	B/N/A	1093	25	36 J
4.		unknown	B/N/A	1171		13 J
5.	76222	1,1,1-trimethyl-2,2-bis(p-chlorophenyl)ethane	B/N/A	1191	93	174 J
6.		unknown	B/N/A	1200		22 J
7.	619445	3,5-dimethyl benzoic acid	B/N/A	1120	95	39 J
8.		unknown	B/N/A	1585		14 J
9.	~~[illegible]~~					
10.	109999	Tetrahydrofuran	VOA	2.22	36	15 J
11.	60297	1,1'-OXYBIS-ETHANE	VOA	2.52	52	11 J
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J = estimated value

FORM II (continued)

E8268
84MK04553

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC CORP.
Lab Sample ID No: E1125
Sample Matrix: WATER
Data Release Authorized By: [signature]

Case No: 2512
QC Report No: QC1500
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 3/7/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/13/84
DATE ANALYZED: 3/13/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR: —

PP #	CAS #		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	40U
(3V)	107-13-1	acrylonitrile	40U
(4V)	71-43-2	benzene	4.0K
(6V)	56-23-5	carbon tetrachloride	4.0U
(7V)	108-90-7	chlorobenzene	4.0U
(10V)	107-06-2	1,2-dichloroethane	4.0U
(11V)	71-55-6	1,1,1-trichloroethane	4.0U
(13V)	75-34-3	1,1-dichloroethane	4.0U
(14V)	79-00-5	1,1,2-trichloroethane	4.0U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	4.0U
(16V)	75-00-3	chloroethane	4.0U
(19V)	110-75-8	2-chloroethylvinyl ether	4.0U
(23V)	67-66-3	chloroform	4.0U
(29V)	75-35-4	1,1-dichloroethene	4.0U
(30V)	156-60-5	trans-1,2-dichloroethene	4.0U
(32V)	78-87-5	1,2-dichloropropane	4.0U
(33V)	10061-02-6	trans-1,3-dichloropropene	4.0U
	10061-01-05	cis-1,3-dichloropropene	4.0U
(38V)	100-41-4	ethylbenzene	4.0U
(44V)	75-09-2	methylene chloride	4.0UB
(45V)	74-87-3	chloromethane	4.0U
(46V)	74-83-9	bromomethane	4.0U
(47V)	75-25-2	bromoform	4.0U
(48V)	75-27-4	bromodichloromethane	4.0U
(49V)	75-69-4	fluorotrichloromethane	4.0U
(50V)	75-71-8	dichlorodifluoromethane	4.0U
(51V)	124-48-1	chlorodibromomethane	4.0U
(85V)	127-18-4	tetrachloroethene	4.0U
(86V)	108-88-3	toluene	4.0U
(87V)	79-01-6	trichloroethene	4.0U
(88V)	75-01-4	vinyl chloride	4.0U
	67-64-1	acetone	39.1C
	78-93-3	2-butanone	4.0U ~~5.9~~
	75-15-0	carbondisulfide	4.0U
	591-78-6	2-hexanone	4.0U
	108-10-1	4-methyl-2-pentanone	4.0U
	100-42-5	styrene	4.0U
	108-05-4	vinyl acetate	4.0U
	1330-20-7	total xylenes	4.0U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/4/84
DATE ANALYZED: 4/4/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR: —

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PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.2u
(90P)	60-57-1	dieldrin	0.2u
(91P)	57-74-9	chlordane	0.9u
(92P)	50-29-3	4,4'-DDT	0.3u
(93P)	72-55-9	4,4'-DDE	0.2u
(94P)	72-54-8	4,4'-DDD	0.2u
(95P)	115-29-7	α-endosulfan	0.2u
(96P)	115-29-7	β-endosulfan	0.2u
(97P)	1031-07-8	endosulfan sulfate	0.4u
(98P)	72-20-8	endrin	0.1K
(99P)	7421-93-4	endrin aldehyde	0.1K
(100P)	76-44-8	heptachlor	0.2
(101P)	1024-57-3	heptachlor epoxide	0.3 0.3
(102P)	319-84-6	α-BHC	0.2u
(103P)	319-85-7	β-BHC	0.3u
(104P)	319-86-8	δ-BHC	0.2u
(105P)	58-89-9	γ-BHC (lindane)	0.2u
(106P)	53469-21-9	PCB-1242	2.0u
(107P)	11097-69-1	PCB-1254	2.0u
(108P)	11104-28-2	PCB-1221	2.0u
(109P)	11141-16-5	PCB-1232	2.0u
(110P)	12672-29-6	PCB-1248	2.0u
(111P)	11096-82-5	PCB-1260	2.0u
(112P)	12674-11-2	PCB-1016	1.0u
(113P)	8001-35-2	toxiphene	1.0u

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

DIOXINS

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

0046

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

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

December 1983

P.O. Box 818, Alexandria, Virginia 22313 - 703 557-2490

E8268

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E1125
Sample Matrix: Water
Data Release Authorized By: David M. Spies

Case No: 2512
QC Report No: 1486
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 3/7/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 3/15/84
PERCENT MOISTURE: _____
CONC./DILUTION FACTOR: _____

RECEIVED APR 23 1984

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

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

December 1983

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

ORGANICS ANALYSIS DATA SHEET - Page 3

Case No. EP218

Laboratory Name: ETC Corp Case No: 2512

QC Report No: 1481

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B. Tentatively Identified Compounds

CAS #	Compound Name	Fraction	Scan No. or Retention Time	% Maximum Score Attained Mass Matching Routines (Specify: PB IV)	Estimated Concentration (ug/l or ug/g)
1. 108872	methylcyclohexane	B/N/A	65	63	12 J
2. 105602	hexahydro-5H-Azepin-2-one	B/N/A	1415	50	46 J
3.	unknown	B/N/A	1449		25 J
4. 109999	Tetrahydrofuran	VOA	222	60	26 J
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J = estimated value

FORM II (continued)

ORGANICS ANALYSIS DATA SHEET

84/1KC4554

Laboratory Name: ETC Corp.
Lab Sample ID No: E1126
Sample Matrix: Water
Data Release Authorized By: [signature]

Case No: 2592
QC Report No: -QC1500
Contract No.: EP-01-6766, 6788, 6789, 6790
Date Sample Received: 3/7/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/13/84
DATE ANALYZED: 3/13/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	40U
(3V)	107-13-1	acrylonitrile	40U
(4V)	71-43-2	benzene	4.0K
(6V)	56-23-5	carbon tetrachloride	4.0U
(7V)	108-90-7	chlorobenzene	4.0U
(10V)	107-06-2	1,2-dichloroethane	4.0U
(11V)	71-55-6	1,1,1-trichloroethane	4.0U
(13V)	75-34-3	1,1-dichloroethane	4.0U
(14V)	79-00-5	1,1,2-trichloroethane	4.0U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	4.0U
(16V)	75-00-3	chloroethane	4.0U
(19V)	110-75-8	2-chloroethylvinylether	4.0U
(23V)	67-66-3	chloroform	4.0U
(29V)	75-35-4	1,1-dichloroethene	4.0U
(30V)	156-60-5	trans-1,2-dichloroethene	4.0U
(32V)	78-87-5	1,2-dichloropropane	4.0U
(33V)	10061-02-6	trans-1,3-dichloropropene	4.0U
	10061-01-05	cis-1,3-dichloropropene	4.0U
(38V)	100-41-4	ethylbenzene	4.0U
(44V)	75-09-2	methylene chloride	4.0UB
(45V)	74-87-3	chloromethane	4.0U
(46V)	74-83-9	bromomethane	4.0U
(47V)	75-25-2	bromoform	4.0U
(48V)	75-27-4	bromodichloromethane	4.0U
(49V)	75-69-4	fluorotrichloromethane	4.0U
(50V)	75-71-8	dichlorodifluoromethane	4.0U
(51V)	124-48-1	chlorodibromomethane	4.0U
(85V)	127-18-4	tetrachloroethene	4.0U
(86V)	108-88-3	toluene	4.0U
(87V)	79-01-6	trichloroethene	4.0U
(88V)	75-01-4	vinyl chloride	4.0U
	67-64-1	acetone	4.0UB
	78-93-3	2-butanone	4.0U ~~4.0K~~ RA
	75-15-0	carbondisulfide	4.0U
	591-78-6	2-hexanone	4.0U
	108-10-1	4-methyl-2-pentanone	4.0U
	100-42-5	styrene	4.0U
	108-05-4	vinyl acetate	4.0U
	1330-20-7	total xylenes	4.0U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 4/4/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR:

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PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.2u
(90P)	60-57-1	dieldrin	0.2u
(91P)	57-74-9	chlordane	0.9u
(92P)	50-29-3	4,4'-DDT	0.3u
(93P)	72-55-9	4,4'-DDE	0.2u
(94P)	72-54-8	4,4'-DDD	0.2u
(95P)	115-29-7	α-endosulfan	0.2u
(96P)	115-29-7	β-endosulfan	0.2u
(97P)	1031-07-8	endosulfan sulfate	0.4u
(98P)	72-20-8	endrin	0.1K
(99P)	7421-93-4	endrin aldehyde	0.1u
(100P)	76-44-8	heptachlor	0.2u
(101P)	1024-57-3	heptachlor epoxide	0.3u
(102P)	319-84-6	α-BHC	0.2u
(103P)	319-85-7	β-BHC	0.3u
(104P)	319-86-8	δ-BHC	0.2u
(105P)	58-89-9	γ-BHC (lindane)	0.2u
(106P)	53469-21-9	PCB-1242	2.0u
(107P)	11097-69-1	PCB-1254	2.0u
(108P)	11104-28-2	PCB-1221	2.0u
(109P)	11141-16-5	PCB-1232	2.0u
(110P)	12672-29-6	PCB-1248	2.0u
(111P)	11096-82-5	PCB-1260	2.0u
(112P)	12674-11-2	PCB-1016	1.0u
(113P)	8001-35-2	toxaphene	1.0u

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

DIOXINS

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

0063

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

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

December 1983

O. Box 818, Alexandria, Virginia 22313 - 703 [illegible]-2490

28270

ORGANICS ANALYSIS DATA SHEET

aboratory Name: ETC Corp.
ab Sample ID No: E1126
mple Matrix:
ata Release Authorized By:

Case No: 2512
QC Report No: 1486
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 3/7/84

SEMIVOLATILE COMPOUNDS

RECEIVED APR 23 1984

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 3/15/84
PERCENT MOISTURE:
CONC./DILUTION FACTOR:

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

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

December 1983

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

COMPOUNDS ANALYSIS DATA SHEET - Page 3

Date Received: E8270

Laboratory Name: ETC Corp Case No: 2512

QC Report No: 1486

B. Tentatively Identified Compounds

	CAS #	Compound Name	Fraction	Scan No. or Retention Time	% Maximum Score Attained Mass Matching Routine (Specify: PBM)	Estimated Concentration (ug/l or ug/kg)
1.	108872	methylcyclohexane	B/N/A	64	64	13 J
2.	95169	Benzothiazole	B/N/A	1376	66	13 J
3.		NONE FOUND	VOA		-	
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J = estimated value

RECEIVED APR 23 1984

FORM II (continued)

E0211

84MK04R11

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E1127
Sample Matrix: WATER
Data Release Authorized By: David H. Dyers

Case No: 2512
QC Report No: QC1500
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 3/7/84

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VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/13/84
DATE ANALYZED: 3/13/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR: —

PP #	CAS #		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	40U
(3V)	107-13-1	acrylonitrile	40U
(4V)	71-43-2	benzene	4.0K
(6V)	56-23-5	carbon tetrachloride	4.0U
(7V)	108-90-7	chlorobenzene	4.0U
(10V)	107-06-2	1,2-dichloroethane	4.0U
(11V)	71-55-6	1,1,1-trichloroethane	4.0U
(13V)	75-34-3	1,1-dichloroethane	4.0U
(14V)	79-00-5	1,1,2-trichloroethane	4.0U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	4.0U
(16V)	75-00-3	chloroethane	4.0U
(19V)	110-75-8	2-chloroethylvinyl ether	4.0U
(23V)	67-66-3	chloroform	4.0U
(29V)	75-35-4	1,1-dichloroethene	4.0U
(30V)	156-60-5	trans-1,2-dichloroethene	4.0U
(32V)	78-87-5	1,2-dichloropropane	4.0U
(33V)	10061-02-6	trans-1,3-dichloropropene	4.0U
	10061-01-05	cis-1,3-dichloropropene	4.0U
(38V)	100-41-4	ethylbenzene	4.0U
(44V)	75-09-2	methylene chloride	4.0UB
(45V)	74-87-3	chloromethane	4.0U
(46V)	74-83-9	bromomethane	4.0U
(47V)	75-25-2	bromoform	4.0U
(48V)	75-27-4	bromodichloromethane	4.0U
(49V)	75-69-4	fluorotrichloromethane	4.0U
(50V)	75-71-8	dichlorodifluoromethane	4.0U
(51V)	124-48-1	chlorodibromomethane	4.0U
(85V)	127-18-4	tetrachloroethene	4.0U
(86V)	108-88-3	toluene	4.0U
(87V)	79-01-6	trichloroethene	4.0U
(88V)	75-01-4	vinyl chloride	4.0U
	67-64-1	acetone	44.7C ~~49.7B~~ RA
	78-93-3	2-butanone	4.0U
	75-15-0	carbondisulfide	4.0U
	591-78-6	2-hexanone	4.0U
	108-10-1	4-methyl-2-pentanone	4.0U
	100-42-5	styrene	4.0U
	108-05-4	vinyl acetate	4.0U
	1330-20-7	total xylenes	4.0U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 4/4/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR: —

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.2u
(90P)	60-57-1	dieldrin	0.2u
(91P)	57-74-9	chlordane	0.9u
(92P)	50-29-3	4,4'-DDT	0.3u
(93P)	72-55-9	4,4'-DDE	0.2u
(94P)	72-54-8	4,4'-DDD	0.2u
(95P)	115-29-7	α-endosulfan	0.2u
(96P)	115-29-7	β-endosulfan	0.2u
(97P)	1031-07-8	endosulfan sulfate	0.4u
(98P)	72-20-8	endrin	0.14
(99P)	7421-93-4	endrin aldehyde	0.16
(100P)	76-44-8	heptachlor	0.2u
(101P)	1024-57-3	heptachlor epoxide	0.3u
(102P)	319-84-6	α-BHC	0.2u
(103P)	319-85-7	β-BHC	0.3u
(104P)	319-86-8	δ-BHC	0.2u
(105P)	58-89-9	γ-BHC (lindane)	0.2u
(106P)	53469-21-9	PCB-1242	2.0u
(107P)	11097-69-1	PCB-1254	2.0u
(108P)	11104-28-2	PCB-1221	2.0u
(109P)	11141-16-5	PCB-1232	2.0u
(110P)	12672-29-6	PCB-1248	2.0u
(111P)	11096-82-5	PCB-1260	2.0u
(112P)	12674-11-2	PCB-1016	1.0u
(113P)	8001-35-2	toxaphene *	1.0u

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

DIOXINS

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

0074

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

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

December 1983

E8871

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Case No: 2512
Lab Sample ID No: E1127
QC Report No: 1486
Sample Matrix: water
Contract No.: 68-01-6766,6788,6789,6790
Data Release Authorized By: [signature]
Date Sample Received: 3/7/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 3/18/84
PERCENT MOISTURE: _____
CONC./DILUTION FACTOR: _____

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

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

December 1983

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

ORGANICS ANALYSIS DATA SHEET - Page 3

Case No. 2519

Laboratory Name: ETC Corp

QC Report No.: 8815G1

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B. Tentatively Identified Compounds

	CAS #	Compound Name	Fraction	Scan No. or Retention Time	% Maximum Score Attained Mass Matching Routine: (Specify: Data)	Estimated Concentration (ug/L or ug/g)
1.	—	None found	VOA	—	—	—
2.		None found	B/N/A			
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J = estimated value

FORM II (continued)

ORGANICS ANALYSIS DATA SHEET

84HK04D54

Laboratory Name: ETC CORP.
Lab Sample ID No: E1128S
Sample Matrix: WATER
Data Release Authorized By: [signature]

Case No: 2[illegible]2
QC Report No: CQC1500
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 3/7/84

RECEIVED APR 23 1984

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/13/84
DATE ANALYZED: 3/13/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR: —

PP #	CAS #		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	40K
(3V)	107-13-1	acrylonitrile	40K
(4V)	71-43-2	benzene	4.0K
(6V)	56-23-5	carbon tetrachloride	4.0U
(7V)	108-90-7	chlorobenzene	4.0U
(10V)	107-06-2	1,2-dichloroethane	4.0U
(11V)	71-55-6	1,1,1-trichloroethane	4.0U
(13V)	75-34-3	1,1-dichloroethane	4.0U
(14V)	79-00-5	1,1,2-trichloroethane	4.0U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	4.0U
(16V)	75-00-3	chloroethane	4.0U
(19V)	110-75-8	2-chloroethylvinyl ether	4.0U
(23V)	67-66-3	chloroform	4.0U
(29V)	75-35-4	1,1-dichloroethene	4.0U
(30V)	156-60-5	trans-1,2-dichloroethene	4.0U
(32V)	78-87-5	1,2-dichloropropane	4.0U
(33V)	10061-02-6	trans-1,3-dichloropropene	4.0U
	10061-01-05	cis-1,3-dichloropropene	4.0U
(38V)	100-41-4	ethylbenzene	4.0U
(44V)	75-09-2	methylene chloride	4.0UB
(45V)	74-87-3	chloromethane	4.0U
(46V)	74-83-9	bromomethane	4.0U
(47V)	75-25-2	bromoform	4.0U
(48V)	75-27-4	bromodichloromethane	4.0U
(49V)	75-69-4	fluorotrichloromethane	4.0U
(50V)	75-71-8	dichlorodifluoromethane	4.0U
(51V)	124-48-1	chlorodibromomethane	4.0U
(85V)	127-18-4	tetrachloroethene	4.0U
(86V)	108-88-3	toluene	4.0U
(87V)	79-01-6	trichloroethene	4.0U
(88V)	75-01-4	vinyl chloride	4.0U
	67-64-1	acetone	4.0UB
	78-93-3	2-butanone	4.0U ~~4.0~~ RA
	75-15-0	carbondisulfide	4.0U
	519-78-6	2-hexanone	4.0U
	108-10-1	4-methyl-2-pentanone	4.0U
	100-42-5	styrene	4.0U
	108-05-4	vinyl acetate	4.0U
	1330-20-7	total xylenes	4.0U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 4/4/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.2u
(90P)	60-57-1	dieldrin	0.2u
(91P)	57-74-9	chlordane	0.9u
(92P)	50-29-3	4,4'-DDT	0.3u
(93P)	72-55-9	4,4'-DDE	0.2u
(94P)	72-54-8	4,4'-DDD	0.2u
(95P)	115-29-7	α-endosulfan	0.2u
(96P)	115-29-7	β-endosulfan	0.2u
(97P)	1031-07-8	endosulfan sulfate	0.4u
(98P)	72-20-8	endrin	0.1u
(99P)	7421-93-4	endrin aldehyde	0.1K
(100P)	76-44-8	heptachlor	0.2u
(101P)	1024-57-3	heptachlor epoxide	0.2u
(102P)	319-84-6	α-BHC	0.2u
(103P)	319-85-7	β-BHC	0.3u
(104P)	319-86-8	δ-BHC	0.2u
(105P)	58-89-9	γ-BHC (lindane)	0.2u
(106P)	53469-21-9	PCB-1242	2.0u
(107P)	11097-69-1	PCB-1254	2.0u
(108P)	11104-28-2	PCB-1221	2.0u
(109P)	11141-16-5	PCB-1232	2.0u
(110P)	12672-29-6	PCB-1248	2.0u
(111P)	11096-82-5	PCB-1260	2.0u
(112P)	12674-11-2	PCB-1016	1.0u
(113P)	8001-35-2	toxaphene	1.0u

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

DIOXINS

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

0086

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

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

December 1983

01272

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E1158
Sample Matrix: Water
Data Release Authorized By: [signature]

Case No: 2512
QC Report No: 1486
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 3/7/84

SEMIVOLATILE COMPOUNDS

RECEIVED APR 23 1984

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 3/16/84
PERCENT MOISTURE: _____
CONC./DILUTION FACTOR: _____

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

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

December 1983

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

QC NON ANALYTICAL DATA SHEET - Page 3

Sample Number: EF572

Laboratory Name: ETC Corp Case No: 3512

QC Report No: 1486

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B. Tentatively Identified Compounds

	CAS #	Compound Name	Fraction	Scan No. or Retention Time	% Maximum Score Attained Mass Matching Routine: (Specify: FBM)	Estimated Concentration (ug/l or ug/g)
1.	108872	methyl Cyclohexane	B/N/A	61	76	13J
2.	95169	Benzothiazole	B/N/A	1376	47	11J
3.		NONE FOUND	VOA			
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J = estimated value

FORM II (continued)

ORGANICS ANALYSIS DATA SHEET

84MK04555

Laboratory Name: ETC CORP.
Lab Sample ID No: E1129
Sample Matrix: WATER
Data Release Authorized By: [signature]

Case No: 2512
QC Report No: QC1500
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 3/7/84

VOLATILES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/13/84
DATE ANALYZED: 3/13/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR: —

PP #	CAS #		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	40U
(3V)	107-13-1	acrylonitrile	40U
(4V)	71-43-2	benzene	4.0U
(5V)	56-23-5	carbon tetrachloride	4.0U
(7V)	108-90-7	chlorobenzene	4.0U
(10V)	107-06-2	1,2-dichloroethane	4.0U
(11V)	71-55-6	1,1,1-trichloroethane	4.0U
(13V)	75-34-3	1,1-dichloroethane	4.0U
(14V)	79-00-5	1,1,2-trichloroethane	4.0U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	4.0U
(16V)	75-00-3	chloroethane	4.0U
(19V)	110-75-8	2-chloroethylvinyl ether	4.0U
(23V)	67-66-3	chloroform	4.0U
(29V)	75-35-4	1,1-dichloroethene	4.0U
(30V)	156-60-5	trans-1,2-dichloroethene	4.0U
(32V)	78-87-5	1,2-dichloropropane	4.0U
(33V)	10061-02-6	trans-1,3-dichloropropene	4.0U
—	10061-01-05	cis-1,3-dichloropropene	4.0U
(38V)	100-41-4	ethylbenzene	4.0U
(44V)	75-09-2	methylene chloride	4.0UB
(45V)	74-87-3	chloromethane	4.0U
(46V)	74-83-9	bromomethane	4.0U
(47V)	75-25-2	bromoform	4.0U
(48V)	75-27-4	bromodichloromethane	4.0U
(49V)	75-69-4	fluorotrichloromethane	4.0U
(50V)	75-71-8	dichlorodifluoromethane	4.0U
(51V)	124-48-1	chlorodibromomethane	4.0U
(85V)	127-18-4	tetrachloroethene	4.0U
(86V)	108-88-3	toluene	4.0U
(87V)	79-01-6	trichloroethene	4.0K
(88V)	75-01-4	vinyl chloride	4.0U
	67-64-1	acetone	4.0UB
	78-93-3	2-butanone	4.0U ~~4.0K~~ RD
	75-15-0	carbondisulfide	4.0U
	519-78-6	2-hexanone	4.0U
	108-10-1	4-methyl-2-pentanone	4.0U
	100-42-5	styrene	4.0U
	108-05-4	vinyl acetate	4.0U
	1330-20-7	total xylenes	4.0U

PESTICIDES

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 4/4/84
PERCENT MOISTURE: —
CONC./DILUTION FACTOR:

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PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	0.2u
(90P)	60-57-1	dieldrin	0.3u
(91P)	57-74-9	chlordane	0.9u
(92P)	50-29-3	4,4'-DDT	0.3u
(93P)	72-55-9	4,4'-DDE	0.3u
(94P)	72-54-8	4,4'-DDD	0.3u
(95P)	115-29-7	α-endosulfan	0.2u
(96P)	115-29-7	β-endosulfan	0.2u
(97P)	1031-07-8	endosulfan sulfate	0.4u
(98P)	72-20-8	endrin	0.1u
(99P)	7421-93-4	endrin aldehyde	0.1K
(100P)	76-44-8	heptachlor	0.2
(101P)	1024-57-3	heptachlor epoxide	0.3u
(102P)	319-84-6	α-BHC	0.2u
(103P)	319-85-7	β-BHC	0.3u
(104P)	319-86-8	δ-BHC	0.2u
(105P)	58-89-9	γ-BHC (lindane)	0.2u
(106P)	53469-21-9	PCB-1242	2.0u
(107P)	11097-69-1	PCB-1254	2.0u
(108P)	11104-28-2	PCB-1221	2.0u
(109P)	11141-16-5	PCB-1232	2.0u
(110P)	12672-29-6	PCB-1248	2.0u
(111P)	11096-82-5	PCB-1260	2.0u
(112P)	12674-11-2	PCB-1016	1.0u
(113P)	8001-35-2	toxaphene	1.0u

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

DIOXINS

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

0097

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

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

December 1983

P.O. Box 818, Alexandria, Virginia 22313 - 703 557-2490

E8973

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E1129
Sample Matrix: [illegible]
Data Release Authorized By: [illegible]

Case No: 2512
QC Report No: 1486
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 3/7/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 3/16/84
PERCENT MOISTURE: _____
CONC./DILUTION FACTOR: _____

RECEIVED APR 23 1984

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

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

December 1983

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

GC/MS ANALYSES DATA SHEET - Page 3

Sample Number: EP273

Laboratory Name: ETC Corp Case No: 2512

QC Report No: 145c

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B. Tentatively Identified Compounds

	CAS #.	Compound Name	Fraction	Scan No. or Retention Time	% Maximum Score Attained Mass Matching Routine (Specify: PBM)	Estimated Concentration (ug/Dry wt g)
1.	108872	methyl cyclohexane	B/N/A	64	68	14J
2.		NOISE FOUND	VOA			
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J = estimated value

FORM II (continued)

E8274

84HK04556

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E1132
Sample Matrix: SEDIMENT
Data Release Authorized By: David H. Spell

Case No: 2512
QC Report No: QC 1503
Contract No.: 68-01-6766, 6788, 6789, 6790
Date Sample Received: 3/7/84

VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/14/84
DATE ANALYZED: 3/14/84
PERCENT MOISTURE: 19
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(2V)	107-02-8	acrolein	24 U
(3V)	107-13-1	acrylonitrile	24 U
(4V)	71-43-2	benzene	2.4 U
(6V)	56-23-5	carbon tetrachloride	2.4 U
(7V)	108-90-7	chlorobenzene	2.4 U
(10V)	107-06-2	1,2-dichloroethane	2.4 U
(11V)	71-55-6	1,1,1-trichloroethane	2.4 U
(13V)	75-34-3	1,1-dichloroethane	2.4 U
(14V)	79-00-5	1,1,2-trichloroethane	2.4 U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.4 U
(16V)	75-00-3	chloroethane	2.4 U
(19V)	110-75-8	2-chloroethylvinyl ether	2.4 U
(23V)	67-66-3	chloroform	2.4 U
(29V)	75-35-4	1,1-dichloroethene	2.4 U
(30V)	156-60-5	trans-1,2-dichloroethene	2.4 U
(32V)	78-87-5	1,2-dichloropropane	2.4 U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.4 U
	10061-01-05	cis-1,3-dichloropropene	2.4 U
(38V)	100-41-4	ethylbenzene	2.4 U
(44V)	75-09-2	methylene chloride	15.6
(45V)	74-87-3	chloromethane	2.4 U
(46V)	74-83-9	bromomethane	2.4 U
(47V)	75-25-2	bromoform	2.4 U
(48V)	75-27-4	bromodichloromethane	2.4 U
(49V)	75-69-4	fluorotrichloromethane	2.4 U
(50V)	75-71-8	dichlorodifluoromethane	2.4 U
(51V)	124-48-1	chlorodibromomethane	2.4 U
(85V)	127-18-4	tetrachloroethene	2.4 U
(86V)	108-88-3	toluene	2.4 U
(87V)	79-01-6	trichloroethene	29.6
(88V)	75-01-4	vinyl chloride	2.4 U
	67-64-1	acetone	35.2 C
	78-93-3	2-butanone	3.9
	75-15-0	carbondisulfide	2.4 U
	519-78-6	2-hexanone	2.4 U
	108-10-1	4-methyl-2-pentanone	2.4 U
	100-42-5	styrene	2.4 U
	108-05-4	vinyl acetate	2.4 U
	1330-20-7	total xylenes	2.4 U

PESTICIDES

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CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 4/4/84
PERCENT MOISTURE: 19
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l or ug/kg (circle one)
(89P)	309-00-2	aldrin	5u
(90P)	60-57-1	dieldrin	5u
(91P)	57-74-9	chlordane	22u
(92P)	50-29-3	4,4'-DDT	7u
(93P)	72-55-9	4,4'-DDE	5u
(94P)	72-54-8	4,4'-DDD	5u
(95P)	115-29-7	α-endosulfan	5u
(96P)	115-29-7	β-endosulfan	5u
(97P)	1031-07-8	endosulfan sulfate	10u
(98P)	72-20-8	endrin	2u
(99P)	7421-93-4	endrin aldehyde	2u
(100P)	76-44-8	heptachlor	5u
(101P)	1024-57-3	heptachlor epoxide	7u
(102P)	319-84-6	α-BHC	5u
(103P)	319-85-7	β-BHC	7u
(104P)	319-86-8	δ-BHC	5u
(105P)	58-89-9	γ-BHC (lindane)	5u
(106P)	53469-21-9	PCB-1242	49u
(107P)	11097-69-1	PCB-1254	49u
(108P)	11104-28-2	PCB-1221	49u
(109P)	11141-16-5	PCB-1232	49u
(110P)	12672-29-6	PCB-1248	49u
(111P)	11096-82-5	PCB-1260	49u
(112P)	12674-11-2	PCB-1016	25u
(113P)	8001-35-2	toxaphene	25u

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

DIOXINS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 4/10/84
PERCENT MOISTURE: 19
CONC./DILUTION FACTOR:

0108

PP #	CAS #		ug/l or ug/kg (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	32 u

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

December 1983

O. Box 118, Alexandria, Virginia 22313 - 703/557-2490

E 5274

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E1132
Sample Matrix: SO
Data Release Authorized By: [signature]

Case No: 2512
QC Report No: 1488
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 3/7/84

SEMIVOLATILE COMPOUNDS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 3/15/84
PERCENT MOISTURE: 19
CONC./DILUTION FACTOR:

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PP #	CAS #		ug/l or ug/kg (circle one)
(21A)	88-06-2	2,4,6- trichlorophenol	972 U
(22A)	59-50-7	p-chloro-m-cresol	972 U
(24A)	95-57-8	2- chlorophenol	972 U
(31A)	120-83-2	2,4-dichlorophenol	972 U
(34A)	105-67-9	2,4-dimethylphenol	972 U
(57A)	88-75-5	2- nitrophenol	972 U
(58A)	100-02-7	4-nitrophenol	972 U
(59A)	51-28-5	2,4-dinitrophenol	972 U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	972 U
(64A)	87-86-5	pentachlorophenol	972 U
(65A)	108-95-2	phenol	972 U
	65-85-0	benzoic acid	972 U
	95-48-7	2-methylphenol	972 U
	108-39-4	4-methylphenol	972 U
	95-95-4	2,4,5-trichlorophenol	972 U
(1B)	83-32-9	acenaphthene	48 U
(5B)	92-87-5	benzidine	48 U
(8B)	120-82-1	1,2,4-trichlorobenzene	48 U
(9B)	118-74-1	hexachlorobenzene	48 U
(12B)	67-72-1	hexachloroethane	48 U
(18B)	111-44-4	bis(2-chloroethyl)ether	48 U
(20B)	91-58-7	2-chloronaphthalene	48 U
(25B)	95-50-1	1,2-dichlorobenzene	48 U
(26B)	541-73-1	1,3-dichlorobenzene	48 U
(27B)	106-46-7	1,4-dichlorobenzene	48 U
(28B)	91-94-1	3,3'-dichlorobenzidine	48 U
(35B)	121-14-2	2,4-dinitrotoluene	48 U
(36B)	606-20-2	2,6-dinitrotoluene	48 U
(37B)	122-66-7	1,2-diphenylhydrazine	48 U
(39B)	206-44-0	fluoranthene	48 U
(40B)	7005-72-3	4-chlorophenyl phenyl ether	48 U
(41B)	101-55-3	4-bromophenyl phenyl ether	48 U
(42B)	39638-32-9	bis (2-chloroisopropyl) ether	48 U
(43B)	111-91-1	bis (2-chloroethoxy) methane	48 U

PP #	CAS #		ug/l or ug/kg (circle one)
(52B)	87-68-3	hexachlorobutadiene	48 U
(53B)	77-47-4	hexachlorocyclopentadiene	48 U
(54B)	78-59-1	isophorone	48 U
(55B)	91-20-3	naphthalene	48 U
(56B)	98-95-3	nitrobenzene	48 U
(61B)	62-75-9	N-nitrosodimethylamine	48 U
(62B)	86-30-6	N-nitrosodiphenylamine	48 U
(63B)	621-64-7	N-nitrosodipropylamine	48 U
(66B)	117-81-7	bis (2-ethylhexyl) phthalate	48 U
(67B)	85-68-7	benzyl butyl phthalate	48 U
(68B)	84-74-2	di-n-butyl phthalate	48 U
(69B)	117-84-0	di-n-octyl phthalate	48 U
(70B)	84-66-2	diethyl phthalate	48 U
(71B)	131-11-3	dimethyl phthalate	48 U
(72B)	56-55-3	benzo(a)anthracene	48 U
(73B)	50-32-8	benzo(a)pyrene	48 U
(74B)	205-99-2	benzo(b)fluoranthene	48 U
(75B)	207-08-9	benzo(k)fluoranthene	48 U
(76B)	218-01-9	chrysene	48 U
(77B)	208-96-8	acenaphthylene	48 U
(78B)	120-12-7	anthracene	48 U
(79B)	191-24-2	benzo(ghi)perylene	48 U
(80B)	86-73-7	fluorene	48 U
(81B)	85-01-8	phenanthrene	48 U
(82B)	53-70-3	dibenzo(a,h)anthracene	48 U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	48 U
(84B)	129-00-0	pyrene	48 U
	62-53-3	aniline	48 U
	100-51-6	benzyl alcohol	48 U
	106-47-8	4-chloroaniline	48 U
	132-64-9	dibenzofuran	48 U
	91-57-6	2-methylnaphthalene	48 U
	88-74-4	2-nitroaniline	48 U
	99-09-2	3-nitroaniline	48 U
	100-01-6	4-nitroaniline	48 U

December 1983

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

David H. Speed

ORGANICS ANALYSIS DATA SHEET - Page 3

Sample Number: E5274

Laboratory Name: ETC Corp Case No: 2517

QC Report No: 861503

B. Tentatively Identified Compounds

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	CAS #	Compound Name	Fraction	Scan No. or Retention Time	% Maximum Score Attained Mass Matching Routine: (Specify: BNA)	Estimated Concentration (ug/L or ug/g)
1.	—	UNKNOWN	VOA	452	—	~~10 J~~ RA 153
2.		UNKNOWN	BNA	255		1855 J
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J = estimated value

FORM II (continued)

P.O. Box 8, Alexandria, Virginia 22313 - 703/557-2490

E 8275

84MK04557

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E 1133
Sample Matrix: SEDIMENT
Data Release Authorized By: [signature]

Case No: 2512
QC Report No: 1489
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 3/7/84

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VOLATILES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/14/84
DATE ANALYZED: 3/14/84
PERCENT MOISTURE: 19
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l (circle one)
(2V)	107-02-8	acrolein	24U
(3V)	107-13-1	acrylonitrile	24U
(4V)	71-43-2	benzene	2.4K
(6V)	56-23-5	carbon tetrachloride	2.4U
(7V)	108-90-7	chlorobenzene	2.4U
(10V)	107-06-2	1,2-dichloroethane	2.4U
(11V)	71-55-6	1,1,1-trichloroethane	2.4U
(13V)	75-34-3	1,1-dichloroethane	2.4U
(14V)	79-00-5	1,1,2-trichloroethane	2.4U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.4U
(16V)	75-00-3	chloroethane	2.4U
(19V)	110-75-8	2-chloroethylvinyl ether	2.4U
(23V)	67-66-3	chloroform	2.4U
(29V)	75-35-4	1,1-dichloroethene	2.4U
(30V)	156-60-5	trans-1,2-dichloroethene	2.4U
(32V)	78-87-5	1,2-dichloropropane	2.4U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.4U
	10061-01-05	cis-1,3-dichloropropene	2.4U
(38V)	100-41-4	ethylbenzene	2.4U
(44V)	75-09-2	methylene chloride	17.3
(45V)	74-87-3	chloromethane	2.4U
(46V)	74-83-9	bromomethane	2.4U
(47V)	75-25-2	bromoform	2.4U
(48V)	75-27-4	bromodichloromethane	2.4U
(49V)	75-69-4	fluorotrichloromethane	2.4U
(50V)	75-71-8	dichlorodifluoromethane	2.4U
(51V)	124-48-1	chlorodibromomethane	2.4U
(85V)	127-18-4	tetrachloroethene	2.4U
(86V)	108-88-3	toluene	2.4U
(87V)	79-01-6	trichloroethene	12.0
(88V)	75-01-4	vinyl chloride	2.4U
	67-64-1	acetone	2.4UB
	78-93-3	2-butanone	2.4K
	75-15-0	carbondisulfide	2.4U
	519-78-6	2-hexanone	2.4U
	108-10-1	4-methyl-2-pentanone	2.4U
	100-42-5	styrene	2.4U
	108-05-4	vinyl acetate	2.4U
	1330-20-7	total xylenes	2.4U

PESTICIDES

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 4/4/84
PERCENT MOISTURE: 19
CONC./DILUTION FACTOR:

PP #	CAS #		ug/l (circle one)
(89P)	309-00-2	aldrin	5u
(90P)	60-57-1	dieldrin	5K
(91P)	57-74-9	chlordane	25u
(92P)	50-29-3	4,4'-DDT	7u
(93P)	72-55-9	4,4'-DDE	5u
(94P)	72-54-8	4,4'-DDD	5u
(95P)	115-29-7	α-endosulfan	5u
(96P)	115-29-7	β-endosulfan	5u
(97P)	1031-07-8	endosulfan sulfate	15u
(98P)	72-20-8	endrin	5K
(99P)	7421-93-4	endrin aldehyde	5u
(100P)	76-44-8	heptachlor	5u
(101P)	1024-57-3	heptachlor epoxide	7u
(102P)	319-84-6	α-BHC	5u
(103P)	319-85-7	β-BHC	7u
(104P)	319-86-8	δ-BHC	5u
(105P)	58-89-9	γ-BHC (lindane)	5u
(106P)	53469-21-9	PCB-1242	49u
(107P)	11097-69-1	PCB-1254	49u
(108P)	11104-28-2	PCB-1221	49u
(109P)	11141-16-5	PCB-1232	49u
(110P)	12672-29-6	PCB-1248	49u
(111P)	11096-82-5	PCB-1260	49u
(112P)	12674-11-2	PCB-1016	25u
(113P)	8001-35-2	toxaphene	25u

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

DIOXINS

CONCENTRATION: (LOW) MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 4/10/84
PERCENT MOISTURE: 19
CONC./DILUTION FACTOR:

0131

PP #	CAS #		ug/l (circle one)
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	32u

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

P.O. Box 818, Alexandria, Virginia 22313 - 703-557-2490

Sample Number
E8075

ORGANICS ANALYSIS DATA SHEET

Laboratory Name: ETC Corp.
Lab Sample ID No: E1133
Sample Matrix: Soil
Data Release Authorized By: [signature]

Case No: 3513
QC Report No: 1688
Contract No.: 68-01-6766,6788,6789,6790
Date Sample Received: 3/7/84

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SEMIVOLATILE COMPOUNDS

CONCENTRATION: LOW MEDIUM HIGH (circle one)
DATE EXTRACTED/PREPARED: 3/11/84
DATE ANALYZED: 3/15/84
PERCENT MOISTURE: 19
CONC./DILUTION FACTOR:

REJECTED

PP #	CAS #		ug/l or ug/kg (circle one)	PP #	CAS #		ug/l or ug/kg (circle one)
(21A)	88-06-2	2,4,6- trichlorophenol	9874	(52B)	87-68-3	hexachlorobutadiene	490u
(22A)	59-50-7	p-chloro-m-cresol	9874	(53B)	77-47-4	hexachlorocyclopentadiene	490u
(24A)	95-57-8	2- chlorophenol	9874	(54B)	78-59-1	isophorone	490u
(31A)	120-83-2	2,4-dichlorophenol	9874	(55B)	91-20-3	naphthalene	490u
(34A)	105-67-9	2,4-dimethylphenol	9874	(56B)	98-95-3	nitrobenzene	490u
(57A)	88-75-5	2- nitrophenol	9874	(61B)	62-75-9	N-nitrosodimethylamine	490u
(58A)	100-02-7	4-nitrophenol	9874	(62B)	86-30-6	N-nitrosodiphenylamine	490u
(59A)	51-28-5	2,4-dinitrophenol	9874	(63B)	621-64-7	N-nitrosodipropylamine	490u
(60A)	534-52-1	4,6-dinitro-2-methylphenol	9874	(66B)	117-81-7	bis (2-ethylhexyl) phthalate	490u
(64A)	87-86-5	pentachlorophenol	9874	(67B)	85-68-7	benzyl butyl phthalate	490u
(65A)	108-95-2	phenol	9874	(68B)	84-74-2	di-n-butyl phthalate	490u
	65-85-0	benzoic acid	9874	(69B)	117-84-0	di-n-octyl phthalate	490u
	95-48-7	2-methylphenol	9874	(70B)	84-66-2	diethyl phthalate	490u
	108-39-4	4-methylphenol	9874	(71B)	131-11-3	dimethyl phthalate	490u
	95-95-4	2,4,5-trichlorophenol	9874	(72B)	56-55-3	benzo(a)anthracene	490u
(1B)	83-32-9	acenaphthene	490u	(73B)	50-32-8	benzo(a)pyrene	490u
(5B)	92-87-5	benzidine	490u	(74B)	205-99-2	benzo(b)fluoranthene	490u
(8B)	120-82-1	1,2,4-trichlorobenzene	490u	(75B)	207-08-9	benzo(k)fluoranthene	490u
(9B)	118-74-1	hexachlorobenzene	490u	(76B)	218-01-9	chrysene	490u
(12B)	67-72-1	hexachloroethane	490u	(77B)	208-96-8	acenaphthylene	490u
(18B)	111-44-4	bis(2-chloroethyl)ether	490u	(78B)	120-12-7	anthracene	490u
(20B)	91-58-7	2-chloronaphthalene	490u	(79B)	191-24-2	benzo(ghi)perylene	490u
(25B)	95-50-1	1,2-dichlorobenzene	490u	(80B)	86-73-7	fluorene	490u
(26B)	541-73-1	1,3-dichlorobenzene	490u	(81B)	85-01-8	phenanthrene	490u
(27B)	106-46-7	1,4-dichlorobenzene	490u	(82B)	53-70-3	dibenzo(a,h)anthracene	490u
(28B)	91-94-1	3,3'-dichlorobenzidine	490u	(83B)	193-39-5	indeno(1,2,3-cd)pyrene	490u
(35B)	121-14-2	2,4-dinitrotoluene	490u	(84B)	129-00-0	pyrene	490u
(36B)	606-20-2	2,6-dinitrotoluene	490u		62-53-3	aniline	490u
(37B)	122-66-7	1,2-diphenylhydrazine	490u		100-51-6	benzyl alcohol	490u
(39B)	206-44-0	fluoranthene	490u		106-47-8	4-chloroaniline	490u
(40B)	7005-72-3	4-chlorophenyl phenyl ether	490u		132-64-9	dibenzofuran	490u
(41B)	101-55-3	4-bromophenyl phenyl ether	490u		91-57-6	2-methylnaphthalene	490u
(42B)	39638-32-9	bis (2-chloroisopropyl) ether	490u		88-74-4	2-nitroaniline	490u
(43B)	111-91-1	bis (2-chloroethoxy) methane	490u		99-09-2	3-nitroaniline	490u
					100-01-6	4-nitroaniline	490u

December 1983

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

ORGANICS ANALYSIS DATA SHEET - Page 3

Sample Number: E8275

Laboratory Name: ETC Corp Case No: 0512

QC Report No: 1488

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II. Tentatively Identified Compounds

	CAS #	Compound Name	Fraction	Scan No. or Retention Time	% Maximum Score Assigned Mass Matching Routine: (Specify: FINN)	Estimated Concentration (ug/L or ug/g)
1.		UNKNOWN	B/N/A	548		30275
2.		UNKNOWN	VOA	450		5.8J
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J = estimated value

FORM II (continued)