SDMS US EPA REGION V -1

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IL-17407
158354

ecology and environment, inc.

223 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60606, TEL. 312-663-9415

International Specialists in the Environmental Sciences

Date Received for Review: 10/25/83 Date Review Completed: 11/10/83

To: RON ST. JOHN

From: Cynthia Bachunas

Subject: SAUGET LANDFILL
R05-8302-05

Sample Description: CASE #1887 - LOW/MEDIUM* SOIL ORGANICS (SAMPLES SHIPPED 7/19/83 - 7/20/83)

Project Data Status: STILL AWAITING DATA FOR E3825

FIT Data Review Findings:

NO ADDITIONAL COMMENTS - SEE ATTACHED CRL REVIEW, 10/25/83.

Additional Comments:

DATA RECEIVED 9 1/2 WEEKS PAST DUE

* NOTE: ONLY THE FOLLOWING FRACTIONS WERE ANALYZED AS MEDIUMS - E3785 - VOLATILES, E3786 - VOLATILES, E3789 - VOLATILES, E3791 - VOLATILES, E3792 - VOLATILES E3794 - VOLATILES, E3797 - VOLATILES, E3798 - VOLATILES, AND E3805.

CAB

Transmitted by MAP 10/24/83

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: 10/25/83

SUBJECT: Review of Region V CLP Data
Received for Review on 10/7/83

FROM: Curtis Ross, Director Chuck Elly
Central Regional Laboratory

TO: Data User: FIT

RECEIVED OCT 25 1983

We have reviewed the data for the following case(s).

SITE NAME Sanset L. 7. SMO Case No. 1887
EPA Data Set No. SF3191 No. of Samples: 23 D.U./Activity Numbers 4905, C47303
CRL No.'s 83MS07586 To 83MS08510
SMO Traffic No.'s E3783 to E3808
Contract Laboratory: Mead Hours Required for Review: 13

Following are our findings.

* Inconsistant concentration units. (ug/g or ug/kg ?) medium level samples reported in ug/g.
* There are many saturated peaks in the chromatograms true, quantitation may be suspect for asterisked compounds on data sheet.
* In sample E3794, concentration for benzo(b)fluoranthene is 1000 ug/kg and benzo(k)fluoranthene is 1000 ug/kg. It may be reported as benzo(b)fluoranthene and/or benzo(k)fluoranthene 1000 ug/kg.

Corrected MAP 10/19/83

* No pesticide analysis was done due to the insufficient amount of sample — E3789.
* There was no explanation for the marked difference between E3807 and E3807R results.

	E3807	E3807R (Rerun)
benzo(a)anthracene	520 ug/kg	Trace
Chrysene	660	Trace
4-Chloroaniline	960	Trace

these values were very near detection in this matrix, in rerun, traces were found, but were not quantified

MAP 10/24/83

( ) Data are acceptable for use.
(X) Data are acceptable for use with qualifications noted above.
( ) Data are preliminary - pending verification by contractor laboratory.
( ) Data are unacceptable.

SK 10-18-83

MAP 10/18/83

MAP 10/24/83

cc: Dr. Alfred Haeberer, EPA Support Services
Ross K. Robeson, EMSL-Las Vegas
Robert Pritchard, CLP-SMO

EPA FORM 1320-6 (REV. 3-76)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

Complete

DATE:

SUBJECT: Review of Region V CLP Data
Received for Review on 10/14/83

FROM: Curtis Ross, Director
Central Regional Laboratory

TO: Data User: FIT

RECEIVED OCT 25 1983

We have reviewed the data for the following case(s).

SITE NAME Sauget I.J. SMO Case No. 1887

EPA Data Set No. SF3191 No. of Samples: 1 D.U./Activity Numbers Y905 I C47302

CRL No.'s 83MS08S07

SMO Traffic No.'s E3805

Contract Laboratory: Mead Hours Required for Review: ____

Following are our findings.

( ) Data are acceptable for use.
( ) Data are acceptable for use with qualifications noted above.
( ) Data are preliminary - pending verification by contractor laboratory.
( ) Data are unacceptable.

cc: Dr. Alfred Haeberer, EPA Support Services
Ross K. Robeson, EMSL-Las Vegas
Robert Pritchard, CLP-SMO

EPA FORM 1320-6 (REV. 3-76)

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

RECEIVED OCT 25 1983

B3MS07586

Sample Number
E3783
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5800

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 40(DET. LIMITS) x 1.70
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	2700 ~~10U~~ MD
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	LT ~~10U~~ MD
(31A)	122-83-2	2,4-dichlorophenol	6100 ~~10U~~ MD
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	25000 ~~20U~~ MD
(65A)	108-95-2	phenol	1800 ~~10U~~ MD

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3783
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5800

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.70
(Check Box for Appropriate Factor)

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VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride	86 ~~2.5U~~ mb
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	200 ~~50U~~ mb
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	LT ~~50U~~ mb
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	LT ~~2.5U~~ mb

Case 1887

Sample Number
E3783
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5800

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.70 (Det. Lim. x1.7)
(Check Box for Appropriate Factor)

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PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 PC ~~[illegible]~~	~~4.0U~~ 5904 (SS)
(112P)	12674-11-2	PCB-1016 PC ~~[illegible]~~	~~4.0U~~ 2300 (SS)
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3783	VOA	No	7-23-83	L
	B/N/A	NO		L
	Pesticides	NO		L
	Dioxin	NO		L
5800				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

C# 1887

SAMPLE # E3783

RECEIVED OCT 2 5 1983

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE I.D. # 005800

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: U238

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU) ug/kg
1	189	- -	SEARCH RESULTS < 80% PURITY	--.--	2.2
2	206	60-29-7	ETHANE,1,1'-OXYBIS-	85.1	3.5
3	376	- -	SEARCH RESULTS < 80% PURITY	--.--	9.1
4	402	108-11-2	2-PENTANOL,4-METHYL-	83.9	83.
5	418	- -	SEARCH RESULTS < 80% PURITY	--.--	15.

1.000

Case 1887

C# 1887

SAMPLE # E3783

RECEIVED OCT 2 5 1983

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE I.D. # 005800

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L~~ (EV)
1	1191	- -	SEARCH RESULTS < 80% PURITY	--.--	440. ug/kg
2	1290	70-55-3	BENZENESULFONAMIDE,4-METHYL-	87.5	3500.
3	1360	- -	SEARCH RESULTS < 80% PURITY	--.--	18000.
~~4~~ 3	1411	- -	SEARCH RESULTS < 80% PURITY	--.--	360.
~~5~~ 4	1430	- -	SEARCH RESULTS < 80% PURITY	--.--	650.
~~6~~ 5	1444	- -	SEARCH RESULTS < 80% PURITY	--.--	600.
~~7~~ 6	1462	- -	SEARCH RESULTS < 80% PURITY	--.--	4100.
~~8~~ 7	1514	- -	SEARCH RESULTS < 80% PURITY	--.--	360.

39.999

Case 1887

RECEIVED OCT 2 5 1983

ORGANICS ANALYSIS DATA SHEET - Page 4

LAB NAME: MEAD COMPUCHEM

LAB SAMPLE I.D. # 58022

SAMPLE # C# 1887 E3783

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	FRACTION	% PURITY	ESTIMATE CONC. ~~(ug/g)~~ ug/kg
8 ~~1~~	254	108-10-1	2-Pentanone, 4-Methyl	FSCC	84	330
9 ~~2~~	252		search results < 80% similarity	FSCC		~~120~~ 1100
10 ~~3~~	717	95-51-2	Benzenamine, 2-chloro	FSCC	88	460
11 ~~4~~	1155	90-43-7	[1,1'-Biphenyl]-2-ol	FSCC	86	900
5				FSCC		
6				FSCC		
7				FSCC		
8				FSCC		
9				FSCC		
10				FSCC		
11				FSCC		
12				FSCC		
13				FSCC		
14				FSCC		
15				FSCC		
16				FSCC		
17				FSCC		
18				FSCC		
19				FSCC		
20				FSCC		

Case 1887

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

83MS07587

Sample Number
E3784
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5861

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☒ (Detection 800) x 1.73
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	3100 ~~200U~~
(65A)	108-95-2	phenol	10U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	LT ~~20U~~
(74B)	205-99-2	benzo(b)fluoranthene	LT ~~20U~~
(75B)	207-08-9	benzo(k)fluoranthene	LT ~~20U~~
(76B)	318-01-9	chrysene	LT ~~10U~~
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

RECEIVED OCT 2 5 1983

ORGANICS ANALYSIS DATA SHEET - Page 2

Sample Number
E3784
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 5861

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.73
(Check Box for Appropriate Factor)

VOLATILES

PP#	CAS#			ug/kg	
(2V)	107-02-8	acrolein		50U	
(3V)	107-13-1	acrylonitrile		50U	
(4V)	71-43-2	benzene	3.2	~~2.5U~~	MB
(6V)	56-23-5	carbon tetrachloride		2.5U	
(7V)	108-90-7	chlorobenzene	4.2	~~2.5U~~	MB
(10V)	107-06-2	1,2-dichloroethane		2.5U	
(11V)	71-55-6	1,1,1-trichloroethane		2.5U	
(13V)	75-34-3	1,1-dichloroethane		2.5U	
(14V)	79-00-5	1,1,2-trichloroethane		2.5U	
(15V)	79-34-5	1,1,2,2-tetrachloroethane		2.5U	
(16V)	75-00-3	chloroethane		2.5U	
(19V)	110-75-8	2-chloroethylvinyl ether		2.5U	
(23V)	67-66-3	chloroform		2.5U	
(29V)	75-35-4	1,1-dichloroethene		2.5U	
(30V)	156-60-5	1,2-trans-dichloroethene		2.5U	
(32V)	78-87-5	1,2-dichloropropane		2.5U	
(33V)	10061-02-6	trans-1,3-dichloropropene		2.5U	
	10061-01-05	cis,1,3-dichloropropene		5U	
(38V)	100-41-4	ethylbenzene	4.5	~~2.5U~~	MB
(44V)	75-09-2	methylene chloride	45	~~2.5U~~	MB
(45V)	74-87-3	chloromethane		2.5U	
(46V)	74-83-9	bromomethane		2.5U	
(47V)	75-25-2	bromoform		2.5U	
(48V)	75-27-4	bromodichloromethane		2.5U	
(49V)	75-69-4	fluorotrichloromethane		2.5U	
(51V)	124-48-1	chlorodibromomethane		2.5U	
(85V)	127-18-4	tetrachloroethene	LT	~~2.5U~~	MB
(86V)	108-88-3	toluene	6.1	~~2.5U~~	MB
(87V)	79-01-6	trichloroethene	LT	~~2.5U~~	MB
(88V)	75-01-4	vinyl chloride		2.5U	

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	Q 2600	~~500~~	MB *
	78-93-3	2-butanone		100U	
	75-15-0	carbondisulfide		5U	
	519-78-6	2-hexanone		50U	
	108-10-1	4-methyl-2-pentanone	LT	~~500~~	MB
	100-42-5	styrene		2.5U	
	108-05-4	vinyl acetate		5U	
	95-47-6	o-xylene	22	~~2.5U~~	MB

* peak saturated mass detector, quantitation suspect. MAK 10/19/83

Case 18

Sample Number
E3754
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5801

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.73
(Check Box for Appropriate Factor)

RECEIVED OCT 25 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.C. 12515.6	~~4.0U~~ mD
(112P)	12674-11-2	PCB-1016 P.C. 46163.1	~~4.0U~~ mD
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Cases 188

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3784	VOA	ND	7-23-83	L
	B/N/A	NC		L
	Pesticides	NC		L
	Dioxin	NC		L
5801				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 188

C# 1887

SAMPLE # E3784

1881 Case

RECEIVED OCT 2 5 1983

MEMO COMPUCHEM ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE I.D. # 065801

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: U238

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU)
1	147	67-63-0	2-PROPANOL	89.0	25.
2	369	108-87-2	CYCLOHEXANE,METHYL-	88.2	24.
3	402	108-11-2	2-PENTANOL,4-METHYL-	83.3	95.
4	501	- -	SEARCH RESULTS < 80% PURITY	--.--	31.
5	628	108-38-3	BENZENE,1,3-DIMETHYL-	92.2	99.

1.000

ug/kg

Case 1881

RECEIVED OCT 2 5 1983

ORGANICS ANALYSIS DATA SHEET - Page 4

SAMPLE #

LAB NAME:

LAB SAMPLE I.D. # 5801

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	FRACTION	% PURITY	ESTIMATE CONC. (ug/g)
1	1360	2400-00-2	(1-ETHYLDECYL) BENZENE	FSCC	80.2	2700.
2	1367	—	UNKNOWN	FSCC		11000.
3	1393	—	"	FSCC		6500
4	1431	—	"	FSCC		6200.
5	1979	—	UNKNOWN	FSCC		4900.
6				FSCC		
7				FSCC		
8				FSCC		
9				FSCC		
10				FSCC		
11				FSCC		
12				FSCC		
13				FSCC		
14				FSCC		
15				FSCC		
16				FSCC		
17				FSCC		
18				FSCC		
19				FSCC		
20				FSCC		

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

RECEIVED OCT 2 5 1983

83MS07SE8

Sample Number
E3785
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5802

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 4000 (DET. LIMITS) x 1.42
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol 480000 ~~100~~ MD	
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol 15 00000 ~~100~~ MD	
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene 120000 ~~100~~ MD	
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene 180000 ~~100~~ MD	
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene 380 000 ~~100~~ MD	
(56B)	98-95-3	nitrobenzene 52000 ~~100~~ MD	
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(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	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3785
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5802

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.42
(Check Box for Appropriate Factor)

RECEIVED OCT 25 1983

VOLATILES

PP#	CAS#		ug/g
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	LT ~~5U~~ MD
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	7.4 ~~5U~~ MD
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropene	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	5U
(44V)	75-09-2	methylene chloride	~~5U~~
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5u
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	5U
(87V)	79-01-6	trichloroethene	5U
(88V)	75-01-4	vinyl chloride	5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	5U

Case 1887

Sample Number
53785
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5802

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.42
(Check Box for Appropriate Factor)

VOLATILES

RECEIVED OCT 25 1983

PP#	CAS#		ug/g
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	5U
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	7.1 ~~5U~~ m
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	5U
(44V)	75-09-2	methylene chloride	LT ~~5U~~ m
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5u
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	5U
(87V)	79-01-6	trichloroethene	5U
(88V)	75-01-4	vinyl chloride	5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	5U

Case 1887

Sample Number
E3785
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5802

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.42 (x100 wet.w.)
(Check Box for Appropriate Factor)

RECEIVED OCT 25 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242 P.C. ~~[illegible]~~	~~4.0U~~ 1700 (SS)
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.C. ~~[illegible]~~	~~4.0U~~ 880 (SS)
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

		DIOXINS	ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3785	VOA	Yes	7-23-83	M
	B/N/A	NO		L
	Pesticides	NO		L
	Dioxin	NO		L
5802				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

C# 1887

SAMPLE # E3785

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE I.D. # 005882

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC (UG/G) OR (UG/L) (EU)
1	772	95-51-2	BENZENAMINE,2-CHLORO-	88.2	1400000.
2	850	120-83-2	PHENOL,2,4-DICHLORO-	82.8	200000.
3	896 *	- -	SEARCH RESULTS < 80% PURITY	—.—	4900000.
4	985 *	- -	SEARCH RESULTS < 80% PURITY	—.—	6700000.
5	912 *	- -	SEARCH RESULTS < 80% PURITY	—.—	6300000.
6	1153	90-43-7	\1,1'-BIPHENYL\-2-OL	81.9	270000.
7	1242	- -	SEARCH RESULTS < 80% PURITY	—.—	70000.
8	1318	2719-62-2	BENZENE,(1-PENTYLHEPTYL)-	81.5	190000.
9	1331	2719-64-4	BENZENE,(1-PROPYLNONYL)-	84.8	49000.
10	1348	- -	SEARCH RESULTS < 80% PURITY	—.—	42000.
11	1357	120-51-4	BENZOICACID,PHENYLMETHYLESTER	91.0	140000.
12	1377	2719-61-1	BENZENE,(1-METHYLUNDECYL)-	82.3	42000.
13	1392	- -	SEARCH RESULTS < 80% PURITY	—.—	150000.
14	1453	- -	SEARCH RESULTS < 80% PURITY	—.—	54000.
15	1463	- -	SEARCH RESULTS < 80% PURITY	—.—	110000.
16	1481	- -	SEARCH RESULTS < 80% PURITY	—.—	120000.
17	1621	- -	SEARCH RESULTS < 80% PURITY	—.—	200000.
18	1658	- -	SEARCH RESULTS < 80% PURITY	—.—	330000.
19	1849	- -	SEARCH RESULTS < 80% PURITY	—.—	160000.
20	1890	- -	SEARCH RESULTS < 80% PURITY	—.—	260000.

3999.900

* peaks - saturated MS detector, quantitation suspect

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Case 1887

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

83MS07509

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Sample Number
E3786
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5803

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 800
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	100 ~~100~~ ma
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	64000 ~~100~~ ma
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-86-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
	[illegible]	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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene LT	~~10U~~ ma
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3786
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5803

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☑ or 10 ☐ or ☐ _____
(Check Box for Appropriate Factor)

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VOLATILES

PP#	CAS#		ug/g
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	5U
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	5U
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	5U
(44V)	75-09-2	methylene chloride	5U
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5u
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	5U
(87V)	79-01-6	trichloroethene	5U
(88V)	75-01-4	vinyl chloride	5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	5U

Cases 1887

Sample Number
E3786
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5803

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☐ _____ (Det. Lim. x 100)
(Check Box for Appropriate Factor)

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PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242 ~~2642.2~~	~~4.0U~~ 100 2700 SS
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 ~~1572~~	~~4.0U~~ 100 1500 SS
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

		DIOXINS	ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

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QUALITY ASSURANCE NOTICE
CC #5803

Due to insufficient sample remaining, the dry weight portion of this sample was not analyzed.

Susan R. Setzer
Quality Assurance Analyst

Case 1887

GC SCREEN DATA SHEET

RECEIVED OCT 2 5 1983

Laboratory Name Mead CompuChem

Case Number 1887

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3786 5803	VOA	yes	7/23/83	m
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C # 1887

LAB SAMPLE I.D. # 005803

SAMPLE # E3786

Case 1881

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED C ~~(UG/G) OR~~ (EV)
1	860	121-73-3	BENZENE,1-CHLORO-3-NITRO-	83.0	12000. mg/kg
2	871	- -	SEARCH RESULTS < 80% PURITY	--.--	54000.
3	881	- -	SEARCH RESULTS < 80% PURITY	--.--	190000.

799.998

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

83MS07590

Sample Number
E3787
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5804

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 40 (DET. LIMITS)
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol LT	~~100U~~ MD
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol 640	~~100U~~ MD
(31A)	122-83-2	2,4-dichlorophenol 7400	~~100U~~ MD
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol 7500	~~100U~~ MD

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol 1400	~~100U~~ MD
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate 440	~~100U~~ MD
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate LT	~~10U~~ MD
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3787
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5804

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☐ _____
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride	3.3 ~~2.5U~~ MA
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	210 ~~50U~~ MA
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

Case 1887

Sample Number
E3787
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5804

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☐ _____
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242 P.N. 600	~~4.0U~~ mD
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.C. ~~1769~~	~~4.0U~~ 1500 (SS)
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

		DIOXINS	ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

RECEIVED OCT 2 5 1983

Laboratory Name Mead CompuChem

Case Number 1887

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E 3787	VOA	ND	7-23-83	L
	B/N/A	NO		L
	Pesticides	NO		L
	Dioxin	NO		L
5804				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

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QUALITY ASSURANCE NOTICE
CC # 5804

Due to insufficient sample remaining, the dry weight portion of this sample was not analyzed.

Susan R. Setzer
Quality Assurance Analyst

Case 1887

C# 1887

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MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

SAMPLE # E3757

Case 1887

LAB SAMPLE I.D. # 005804

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: VOAS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU)
1	44	75-21-8	OXIRANE	91.7	1.4 ug/Kg
2	88	64-17-5	ETHANOL	90.7	1.6
3	151	625-31-0	4-PENTEN-2-OL	88.2	3.5
~~4~~	~~388~~	~~108-10-1~~	~~2-PENTANONE,4-METHYL~~	~~92.4~~	~~8.8~~
~~5~~ 4	405	108-11-2	2-PENTANOL,4-METHYL-	86.6	120.

1.000

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C# 1887

Case 1887

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

SAMPLE # E3787

LAB SAMPLE I.D. # 005804

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EV)
1	292	- -	SEARCH RESULTS < 80% PURITY	--.--	1900. ug/kg
2	1320	70-55-3	BENZENESULFONAMIDE,4-METHYL-	84.7	4300.
3	1439	- -	SEARCH RESULTS < 80% PURITY	--.--	680.
4	1479	- -	SEARCH RESULTS < 80% PURITY	--.--	1500.
5	1532	- -	SEARCH RESULTS < 80% PURITY	--.--	12000.
6	1625	- -	SEARCH RESULTS < 80% PURITY	--.--	2100.
7	1709	- -	SEARCH RESULTS < 80% PURITY	--.--	2300.
8	1725	- -	SEARCH RESULTS < 80% PURITY	--.--	930.
9	1742	- -	SEARCH RESULTS < 80% PURITY	--.--	3900.
10	1774	- -	SEARCH RESULTS < 80% PURITY	--.--	2700.
11	1780	- -	SEARCH RESULTS < 80% PURITY	--.--	1200.
12	1791	- -	SEARCH RESULTS < 80% PURITY	--.--	680.
13	1812	- -	SEARCH RESULTS < 80% PURITY	--.--	3000.
14	1833	- -	SEARCH RESULTS < 80% PURITY	--.--	990.
15	1864	- -	SEARCH RESULTS < 80% PURITY	--.--	760.
16	1900	- -	SEARCH RESULTS < 80% PURITY	--.--	1800.
17	1940	- -	SEARCH RESULTS < 80% PURITY	--.--	850.
18	1949	- -	SEARCH RESULTS < 80% PURITY	--.--	310.
19	1970	- -	SEARCH RESULTS < 80% PURITY	--.--	200.
20	2020	- -	SEARCH RESULTS < 80% PURITY	--.--	240.

39.999

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

83MS07591

Sample Number
E3788
LOW LEVEL SOLID

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ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5865

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 40 (DET. LIMITS) x 1.25
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	600 ~~100~~ MB
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	1100 ~~100~~ MB
(31A)	122-83-2	2,4-dichlorophenol	9800 ~~100~~ MB
(34A)	105-67-9	2,4-dimethylphenol	LT ~~100~~ MB
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	4400 ~~200~~ MB
(65A)	108-95-2	phenol	14000 ~~100~~ MB

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	2360 ~~100~~ MB
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	LT ~~100~~ MB
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	1500 ~~10U~~ MB
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	846 ~~10U~~ MB
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3788
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5805

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.25 X100(DET. LIMIT)
(Check Box for Appropriate Factor)

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VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride	300 ~~2.5U~~ mb
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	14000 ~~500~~ mb
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

Case 1887

Sample Number
E3788
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5805

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.25
(Check Box for Appropriate Factor)

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PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 ?.N.	1300 ~~4.0U~~ MD
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

		DIOXINS	ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3788	VOA	ND	7-23-83	L
	B/N/A	ND		L
	Pesticides	ND		L
	Dioxin	ND		L
5805				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

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HIGH COMPOUNDED ORGANICS ANALYSIS DATA SHEET

C# 1887

LAB SAMPLE I.D. # 605605

SAMPLE # E3788

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: U238

ITEM	CAS NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L~~ (EU) ug/K
.	[illegible]	[illegible]	2-METHANOL	80.8	520.

55.105

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[illegible]

PAGE 4

C# 1887

[illegible] # [illegible]

SAMPLE # E3788

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: PS02

TIC	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU)
1	601	108-10-1	2-PENTANONE,4-METHYL-	93.6	1000.
2	931	108-11-2	2-PENTANOL,4-METHYL-	96.0	2800.
~~3~~	~~515~~	~~367-12-4~~	~~PHENOL,2-FLUORO-~~	~~91.1~~	~~1200.~~
~~4~~	~~886~~	~~95-51-2~~	~~BENZENAMINE,2-CHLORO-~~	~~89.4~~	~~310.~~
~~5~~	~~855~~	~~526-75-0~~	~~PHENOL,2,3-DIMETHYL-~~	81.3	120.
3	320	- -	SEARCH RESULTS < 80% PURITY	--.--	1100.
4	1260	- -	SEARCH RESULTS < 80% PURITY	--.--	500.
5	1575	70-55-3	BENZENESULFONAMIDE,4-METHYL-	82.3	2300.
6	1581	- -	SEARCH RESULTS < 80% PURITY	--.--	1200.
~~7~~	~~1720~~	~~- -~~	~~SEARCH RESULTS < 80% PURITY~~	~~--.--~~	~~2500.~~

[illegible]

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83MSO 7592

Sample Number
E3789
LOW LEVEL SOLID

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ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5806

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.33 x (ACID x 40 / B/N x 500 DET. LIMITS)
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol 48000 ~~60000~~ ~~100~~ MD SS	
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol 1700 ~~2200~~ ~~100~~ MD SS	
(31A)	122-83-2*	2,4-dichlorophenol ~~210000~~ ~~100~~ MD SS 170000	
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2*	phenol 32000 ~~40000~~ ~~100~~ MD SS	

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol 2700 ~~3400~~ ~~100~~ MD SS	
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene 11000 ~~100~~ MD	
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene 11000 ~~100~~ MD	
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene 27000 ~~100~~ MD	
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene 6500 ~~100~~ MD	
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate LT ~~100~~ MD	
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

* peak saturated MS detector, Quantitation suspect. MAK 10/19/83

Case 1887

Sample Number
E3789
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5806

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.33
(Check Box for Appropriate Factor)

RECEIVED OCT 25 1983

VOLATILES

PP#	CAS#		ug/g
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	LT ~~5U~~ MD
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	5.2 ~~5U~~ MD
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	6.5 ~~5U~~ MD
(44V)	75-09-2	methylene chloride	8.7 ~~5U~~ MD
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5u
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	130 ~~5U~~ MD
(87V)	79-01-6	trichloroethene	5U
(88V)	75-01-4	vinyl chloride	5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	30 ~~5U~~ MD

Case 1887

Sample Number
E 3789
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

atory Name Mead CompuChem
Sample ID No. 5806

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.33
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260	4.0U
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3789	VOA	yes	7-23-83	M
	B/N/A	NO		L
	Pesticides			
	Dioxin	NO		L
5806				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

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QUALITY ASSURANCE NOTICE
CC #5806

Due to insufficient sample remaining, the pesticide portion of this sample was not analyzed.

Susan R. Setzer
Quality Assurance Analyst

Case 1887

RECEIVED OCT 2 5 1983

QUALITY ASSURANCE NOTICE
CC #5806

The surrogate recoveries for the semi-volatile portion of this sample are outside the quality control limits. However, due to insufficient sample remaining, re-analysis could not be performed. The original data is therefore reported.

Susan R. Setzer
Quality Assurance Analyst

Case 1887

C4

SAMPLE # E3

		PURITY
[illegible]	[illegible]	92.1
[illegible]	[illegible]	96.1
[illegible]	[illegible]	--.--
[illegible]	BENZENE [illegible]	92.8

C# 1887

SAMPLE # E3789

Case 1887

	CAS #	COMPOUND	% PURITY	ESTIMATED COST (US-$) ~~OF 100 L~~ (EU)
	[illegible]	[illegible]	92.9	2.0
	[illegible]	[illegible]	96.1	7.0
1	- -	[illegible]	--.--	62.
2	108-20-3	[illegible]	92.8	100.

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RECEIVED OCT 2 5 1983

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C# 1887

LAB SAMPLE I.D. # 005806

SAMPLE # E3789

Case 1887

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU) ug/kg
1	838	544-25-2	1,3,5-CYCLOHEPTATRIENE	92.9	~~5300.~~ 66000
2	423	108-38-3	BENZENE,1,3-DIMETHYL-	91.0	~~2700.~~ 34000
3	921	- -	SEARCH RESULTS < 80% PURITY	--.--	~~18000.~~ 240000
4	1332	- -	SEARCH RESULTS < 80% PURITY	--.--	~~530.~~ 7400
5	1355	- -	SEARCH RESULTS < 80% PURITY	--.--	~~2300.~~ 29000
6	1375	2400-00-2	BENZENE,(1-ETHYLDECYL)-	80.5	~~2500.~~ 31000
7	1410	- -	SEARCH RESULTS < 80% PURITY	--.--	~~1100.~~ 14000
8	1453	- -	SEARCH RESULTS < 80% PURITY	--.--	~~24000.~~ 300000
9	1544	- -	SEARCH RESULTS < 80% PURITY	--.--	~~1800.~~ 23000
~~10~~	~~1561~~	- -	~~SEARCH RESULTS < 80% PURITY~~	--.--	87.
~~11~~ 10	1616	112-95-8	EICOSANE	87.8	~~2200.~~ 28000
~~12~~ 11	1644	- -	SEARCH RESULTS < 80% PURITY	--.--	~~2800.~~ 35000
~~13~~ 12	1686	- -	SEARCH RESULTS < 80% PURITY	--.--	~~2300.~~ 29000
~~14~~ 13	1695	- -	SEARCH RESULTS < 80% PURITY	--.--	~~450.~~ 5800
~~15~~ 14	1732	- -	SEARCH RESULTS < 80% PURITY	--.--	~~4500.~~ 58000
~~16~~ 15	1805	- -	SEARCH RESULTS < 80% PURITY	--.--	~~3200.~~ 40000
~~17~~ 16	1853	- -	SEARCH RESULTS < 80% PURITY	--.--	~~170.~~ 2100

~~33,355~~

500

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MEMO COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C# 1887

LAB SAMPLE I.D. # 005806

SAMPLE # E3789

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) OR (UG/L) (EV)
217	1983	- -	SEARCH RESULTS < 80% PURITY	--.--	~~610.~~ 7600
218	1997	- -	SEARCH RESULTS < 80% PURITY	--.--	~~810.~~ 10000
219	2014	- -	SEARCH RESULTS < 80% PURITY	--.--	~~1600.~~ 20000
220	2072	- -	SEARCH RESULTS < 80% PURITY	--.--	~~1000.~~ 13000

~~39,995~~
500

Case 1887

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

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83MS07593

Sample Number
E3796

LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5807

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ ~~ANIEU~~ DET. LIMITS x 1.57
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol 640	~~100~~ mD
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol LT	~~100~~ mD
(31A)	122-83-2	2,4-dichlorophenol 960	~~100~~ mD
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol 2200	~~200~~ mD
(65A)	108-95-2	phenol 11,000	~~100~~ mD

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E 3 790
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5807

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.57
(Check Box for Appropriate Factor)

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VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride	LT ~~2.5U~~ mb
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	4400 ~~50U~~ mb
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

Case 1887

Sample Number
E3796
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

ry Name Mead CompuChem
le ID No. 5867

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☐ 1.57
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.N. ~~[illegible]~~	~~4.0U~~ 120 SS
(112P)	12674-11-2	PCB-1016 P.N. 78	~~4.0U~~ SS
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3790	VOA	ND	7-23-83	L
	B/N/A	N		
	Pesticides	N		
	Dioxin	N		
5807				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

C# 1887

SAMPLE # E3790

Case 1887

ESTIMATED [illegible] OF [illegible] [illegible] COMPOUNDS
[illegible] PERIOD 9224

[illegible]	[illegible] NUMBER	CAS #	COMPOUND NAME	? PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU)
[illegible]	[illegible]	[illegible]	[illegible]	--.--	20 ug
[illegible]	[illegible]	[illegible]	SEARCH [illegible]	--.--	230

10.000

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MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE I.D. # 005807

SAMPLE # C 3770

Case 18887

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EV) ug/kg
1	271	108-11-2	2-PENTANOL,4-METHYL-	80.2	3800.
2	832	- -	SEARCH RESULTS < 80% PURITY	--.---	850.
3	1236	88-19-7	BENZENESULFONAMIDE,2-METHYL-	89.9	3900.
4	1269	70-55-3	BENZENESULFONAMIDE,4-METHYL-	88.4	2300.
5	1294	62-44-2	ACETAMIDE,N-(4-ETHOXYPHENYL)-	89.5	1300.
~~6~~	~~1338~~	~~87-86-5~~	~~PHENOL,PENTACHLORO~~	~~87.8~~	~~790.~~

39.999

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

83MS07594

Sample Number
E3791
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5808

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ ~~3400~~ 200 (DET. LIMITS) x 1.88
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	9200 ~~10U~~ MA
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	6200 ~~10U~~ MA

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	LT ~~10U~~ MA
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	LT ~~10U~~ MA
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	17000 ~~10U~~ MA
(55B)	91-20-3	naphthalene	72000 ~~10U~~ MA
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	5200 ~~10U~~ MA
(67B)	85-68-7	butyl benzyl phthalate	LT ~~10U~~ MA
(68B)	84-74-2	di-n-butyl phthalate	23000 ~~10U~~ MA
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	~~10U~~
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	6400 ~~10U~~ MA
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	5200 ~~10U~~ MA
(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	5600 ~~10U~~ MA

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	10000 ~~20U~~ MA
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3791
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5808

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.88 X5 (DET. LIMITS)
(Check Box for Appropriate Factor)

VOLATILES

RECEIVED OCT 2 5 1983

PP#	CAS#		ug/g
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	5U
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	LT ~~5U~~ MB
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	220 ~~5U~~ MB
(44V)	75-09-2	methylene chloride	5U
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5u
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	1300 ~~5U~~ MB
(87V)	79-01-6	trichloroethene	42 ~~5U~~ MB
(88V)	75-01-4	vinyl chloride	5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	650 ~~5U~~ MB

Case 1887

Sample Number
E3791
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5808

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.88x10 (DET. LIMITS)
(Check Box for Appropriate Factor)

PESTICIDES

RECEIVED OCT 2 5 1983

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	PC. 3.8x10^4 ~~4.0U~~ mD
(111P)	11096-82-5	PCB-1260	PC. 4.5x10^4 ~~4.0U~~ mD
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887 RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3791	VOA	~~yes~~	8/23/83	M
	B/N/A	NO		L
	Pesticides	NO		L
5808	Dioxin	NO		L
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

RECEIVED OCT 2 5 1983

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

CH 1887

SAMPLE # E379L

Case 1887

LAB SAMPLE I.D. # 005808

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: V237

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC (UG/G) ~~OR (UG/L)~~ (EV)
~~1~~	~~350~~		~~SEARCH RESULTS < 80% PURITY~~		~~29.~~
1	370	108-87-2	CYCLOHEXANE,METHYL-	94.8	~~35.~~ 180
2	410	4984-01-4	1-OCTENE,3,7-DIMETHYL-	85.7	~~15.~~ 75
3	464	2613-66-3	CYCLOPENTANE,1-ETHYL-3-METHYL-,CIS-	86.0	~~39.~~ 200
4	485	- -	SEARCH RESULTS < 80% PURITY	--.--	~~16.~~ 80
5	499	- -	SEARCH RESULTS < 80% PURITY	--.--	~~29.~~ 150
6	550	111-65-9	OCTANE	94.5	~~110.~~ 550
7	593	108-38-3	BENZENE,1,3-DIMETHYL-	91.5	~~620.~~ 3100

1.000 ~~5~~

RECEIVED OCT 2 5 1983

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

CH 1887

SAMPLE # E3791

Case 1887

LAB SAMPLE I.D. # 005808

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC ~~(UG/G)~~ OR (UG/L) (EV)
1	397	544-25-2	1,3,5-CYCLOHEPTATRIENE	90.2	4600Q.
2	473	111-65-9	OCTANE	85.7	3400.
3	612	108-38-3	BENZENE,1,3-DIMETHYL-	89.7	5100Q.
4	649	108-38-3	BENZENE,1,3-DIMETHYL-	91.2	1800Q.
5	663	111-84-2	NONANE	86.4	1100Q.
6	757	- -	SEARCH RESULTS < 80% PURITY	--.--	2400Q.
7	767	108-67-8	BENZENE,1,3,5-TRIMETHYL-	89.9	840Q.
8	804	108-67-8	BENZENE,1,3,5-TRIMETHYL-	88.2	2700Q.
9	812	124-18-5	DECANE	85.0	1700Q.
10	842	- -	SEARCH RESULTS < 80% PURITY	--.--	2000Q.
11	880	1074-55-1	BENZENE,1-METHYL-4-PROPYL-	85.3	1600Q.
12	890	1758-88-9	BENZENE,2-ETHYL-1,4-DIMETHYL-	82.0	2700Q.
13	939	1120-21-4	UNDECANE	83.9	590Q.
14	961	1758-88-9	BENZENE,2-ETHYL-1,4-DIMETHYL-	84.8	480Q.
15	968	- -	SEARCH RESULTS < 80% PURITY	--.--	570Q.
16	1002	- -	SEARCH RESULTS < 80% PURITY	--.--	610Q.
17	1052	112-40-3	DODECANE	83.6	510Q.
~~18~~	~~1081~~	~~- -~~	~~SEARCH RESULTS < 80% PURITY~~		~~67.~~
~~19~~ 18	1157	629-50-5	TRIDECANE	82.5	340Q.
~~20~~ 19	1255	629-59-4	TETRADECANE	81.5	900Q.
~~21~~ 20	1312	18344-37-1	HEPTADECANE,2,6,10,14-TETRAMETHYL-	81.6	300Q.

39.999 ×10

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

83MS07595

Sample Number
E3792
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5809

Case Number 1687
SAS Number

Multiply all Values and Detection limits by 1 [ ] or 10 [ ] or [4] (Detection 800) x1.72
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	20000 ~~100~~ mg
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	3700D ~~100~~ mg

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	LT ~~100~~ mg
(55B)	91-20-3	naphthalene	35000 ~~100~~ mg
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	3400 ~~100~~ mg
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	LT ~~100~~ mg
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
53 792
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5809

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.72 x10 (wet, limits)
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

VOLATILES

PP#	CAS#		ug/g
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	5U
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	5U
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	5U
(44V)	75-09-2	methylene chloride	5U
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5u
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	100 ~~5U~~ mo
(87V)	79-01-6	trichloroethene	5U
(88V)	75-01-4	vinyl chloride	5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	70 ~~5U~~ mo

Case 1887

Sample Number
E3792
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5809

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.72 x10 (DETERMINED)
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248 P 7.0x10^4	~~4.0U~~
(111P)	11096-82-5	PCB-1260 P 8.1x10^4	~~4.0U~~
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1587

RECEIVED OCT 25 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E 3792	VOA	No	7-23-83	M
	B/N/A	N		
	Pesticides	N		
	Dioxin	N		
5869				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

RECEIVED OCT 2 5 1983

QUALITY ASSURANCE NOTICE

Volatile sample #5209 required a substantial dilution in order to accurately detect and quantify compounds present at high levels. Because of this dilution factor, the level of surrogates in this sample fell below the detection limit, and are therefore reported as "BDL."

Bob Whitehead
Quality Assurance Specialist

Case 1887

C# 1887

SAMPLE # E3792

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE I.D. # 005805

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) OR (UG/L) (EV)
1	377	544-25-2	1,3,5-CYCLOHEPTATRIENE	93.9	25000.
2	514	100-41-4	BENZENE,ETHYL-	94.9	15000.
3	526	108-38-3	BENZENE,1,3-DIMETHYL-	90.5	66000.
4	559	108-38-3	BENZENE,1,3-DIMETHYL-	91.4	20000.
5	654	- -	SEARCH RESULTS < 80% PURITY	--.--	29000.
6	697	95-63-6	BENZENE,1,2,4-TRIMETHYL-	89.5	73000.
7	735	95-63-6	BENZENE,1,2,4-TRIMETHYL-	87.6	29000.
8	769	1074-17-5	BENZENE,1-METHYL-2-PROPYL-	86.0	25000.
9	778	535-77-3	BENZENE,1-METHYL-3-(1-METHYLETHYL)-	83.2	45000.
10	804	1074-43-7	BENZENE,1-METHYL-3-PROPYL-	83.4	35000.
11	812	1758-88-9	BENZENE,2-ETHYL-1,4-DIMETHYL-	88.0	37000.
12	823	1120-21-4	UNDECANE	91.4	31000.
13	850	1758-88-9	BENZENE,2-ETHYL-1,4-DIMETHYL-	85.8	27000.
14	855	934-74-7	BENZENE,1-ETHYL-3,5-DIMETHYL-	86.9	37000.
15	879	- -	SEARCH RESULTS < 80% PURITY	--.--	22000.
16	893	- -	SEARCH RESULTS < 80% PURITY	--.--	35000.
17	1044	629-50-5	TRIDECANE	88.8	9600.
18	1144	629-59-4	TETRADECANE	86.7	8400.
19	1288	- -	SEARCH RESULTS < 80% PURITY	--.--	1100.
20	1594	- -	SEARCH RESULTS < 80% PURITY	--.--	10000.

799,000

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83MS07596

Sample Number
E3793
LOW LEVEL SOLID

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ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5810

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.65 X 40 (DET. LIMITS)
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	4400 ~~10U~~ MD
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	1200 ~~10U~~ MD
(31A)	122-83-2	2,4-dichlorophenol	8800 ~~10U~~ MD
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	24000 ~~20U~~ MD
(65A)	108-95-2	phenol	17000 ~~10U~~ MD

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	1000 ~~10U~~ MD
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	520 ~~10U~~ MD
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene LT	~~10U~~ MD
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine LT	~~10U~~ MD
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	440 ~~10U~~ MD
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3793
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5810

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.65 x 50 (DET. Limits)
(Check Box for Appropriate Factor)

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VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride LT ~~2.5U~~ 5U	
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	50U
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone LT ~~50U~~ 5U	
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

Case 1887

Sample Number
E3793
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5810

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.65
(Check Box for Appropriate Factor)

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PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.C. 7000	~~4.0U~~ MD
(112P)	12674-11-2	PCB-1016 P.C. 2260	~~4.0U~~ MD
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

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Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3793	VOA	ND	7-23-83	L
	B/N/A	NO		L
	Pesticides	ND		L
	Dioxin	NO		L
5816				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C# 1887

LAB SAMPLE I.D. # 005810

SAMPLE # E3793

Case 1887

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: V238

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU)
~~1~~	~~380~~	~~108-10-1~~	~~2-PENTANONE,4-METHYL-~~	~~88.7~~	~~45.~~
21	406	108-11-2	2-PENTANOL,4-METHYL-	84.8	3700
22	526	- -	SEARCH RESULTS < 80% PURITY	--.--	950
23	644	- -	SEARCH RESULTS < 80% PURITY	--.--	500
24	659	- -	SEARCH RESULTS < 80% PURITY	--.--	500
25	690	- -	SEARCH RESULTS < 80% PURITY	--.--	300

ug/kg.

50.000

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Case 1887

ORGANICS ANALYSIS DATA SHEET - Page 4

LAB NAME: MEAD COMPUCHEM

LAB SAMPLE I.D. # 5810

SAMPLE # C# 1887 E3793

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	FRACTION	% PURITY	ESTIMATE CONC. (ug/g)
1	291	108-11-2	2-Pentanol, 4-Methyl-	FSCC	97	8500
2	867	106-48-9	Phenol, 4-chloro	FSCC	86	2300
3	943		Search Result, <80% Purity	FSCC		460
4	1054		"	FSCC		570
5	1111		"	FSCC		340
6	1185		"	FSCC		500
7	1288		"	FSCC		940
8	1467		"	FSCC		630
9	1501		"	FSCC		3000
10	1571		"	FSCC		1500
11	1813		"	FSCC		140
12				FSCC		
13				FSCC		
14				FSCC		
15				FSCC		
16				FSCC		
17				FSCC		
18				FSCC		
19				FSCC		
20				FSCC		

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

83MS07S97

Sample Number
E3794
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5811

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 40 (DET. LIMITS) x 1.71
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	9400 ~~100U~~ MB
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	520 ~~100U~~ MB
(31A)	122-83-2	2,4-dichlorophenol	4200 ~~100U~~ MB
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	420 ~~20U~~ MB
(65A)	108-95-2	phenol	7500 ~~100U~~ MB

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	720 ~~100U~~ MB
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	3600 ~~100U~~ MB
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	800 ~~100U~~ MB
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	1000 ~~100U~~ MB
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	720 ~~100U~~ MB
(55B)	91-20-3	naphthalene	640 ~~100U~~ MB
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene II	1000 ~~20U~~ MB
(75B)	207-08-9	benzo(k)fluoranthene	1000 ~~20U~~ MB
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

NRL

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline HI	~~500U~~ MB
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

NR= Not Resolved, either or both compounds may be present at a total of 1000 ug/kg. MAK 10/19/83

Case 1887

Sample Number
E3794
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5811

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.71
(Check Box for Appropriate Factor)

VOLATILES

RECEIVED OCT 2 5 1983

PP#	CAS#		ug/g
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	5U
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	5U
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	5U
(44V)	75-09-2	methylene chloride	5U
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5u
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	LT ~~5U~~ mB
(87V)	79-01-6	trichloroethene	5U
(88V)	75-01-4	vinyl chloride	5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	LT ~~5U~~ mB

Case 1887

Sample Number
E3794
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5811

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.71
(Check Box for Appropriate Factor)

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PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.C. ~~[illegible]~~	~~4.0U~~ 5000
(112P)	12674-11-2	PCB-1016 P.C. ~~[illegible]~~	~~4.0U~~ 3900
(113P)	8001-35-2	toxaphene	4.0U

		DIOXINS	ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3794	VOA	Yes	7-23-83	M
	B/N/A	N		L
	Pesticides	NC		L
	Dioxin	NC		L
5811				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

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C# 1887
E3794

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MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE I.D. # 005811

C # 1817

SAMPLE # E3794

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G)~~ OR (UG/L) (EU)
1	253	108-10-1	2-PENTANONE,4-METHYL-	84.4	1700. ug/kg
2	284	108-11-2	2-PENTANOL,4-METHYL-	89.1	10000.
3	646	- -	SEARCH RESULTS < 80% PURITY	--.--	530.
4	842	106-48-9	PHENOL,4-CHLORO-	84.0	1100.
5	860	120-82-1	BENZENE,1,2,4-TRICHLORO-	89.1	650.
6	890	- -	SEARCH RESULTS < 80% PURITY	--.--	680.
7	1029	- -	SEARCH RESULTS < 80% PURITY	--.--	640.
~~8~~	~~1406~~	~~37680-65-2~~	~~1,1'-BIPHENYL,2,2',5-TRICHLORO-~~	~~80.5~~	~~380.~~
~~9~~ 8	1432	- -	SEARCH RESULTS < 80% PURITY	--.--	410.
~~10~~ 9	1445	55702-45-9	1,1'-BIPHENYL,2,3,6-TRICHLORO-	80.2	1300.
~~11~~	~~1479~~	~~- -~~	~~SEARCH RESULTS < 80% PURITY~~	~~--.--~~	~~87.~~
~~12~~ 10	1496	- -	SEARCH RESULTS < 80% PURITY	--.--	1100.
~~13~~ 11	1532	- -	SEARCH RESULTS < 80% PURITY	--.--	2300.
~~14~~ 12	1543	- -	SEARCH RESULTS < 80% PURITY	--.--	690.
~~15~~ 13	1581	- -	SEARCH RESULTS < 80% PURITY	--.--	1300.
~~16~~ 14	1597	- -	SEARCH RESULTS < 80% PURITY	--.--	550.
~~17~~ 15	1668	- -	SEARCH RESULTS < 80% PURITY	--.--	650.
~~18~~ 16	1683	- -	SEARCH RESULTS < 80% PURITY	--.--	540.
~~19~~ 17	1699	- -	SEARCH RESULTS < 80% PURITY	--.--	1300.
~~20~~	~~1723~~	~~- -~~	~~SEARCH RESULTS < 80% PURITY~~	~~--.--~~	~~130.~~

39.999

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C# 1887

LAB SAMPLE I.D. # 005811

SAMPLE # E3794

Case 1887

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EV)
~~1~~ 18	1768	- -	SEARCH RESULTS < 80% PURITY	--.--	3300. ug/kg
2	~~1778~~	~~- -~~	~~SEARCH RESULTS < 80% PURITY~~	--.--	~~300.~~
~~3~~ 19	1789	- -	SEARCH RESULTS < 80% PURITY	--.--	2100.
~~4~~	1843	- -	SEARCH RESULTS < 80% PURITY	--.--	190.
~~5~~ 20	1893	- -	SEARCH RESULTS < 80% PURITY	--.--	990.
6	~~1984~~	~~- -~~	~~SEARCH RESULTS < 80% PURITY~~	~~--.--~~	~~460.~~

39.999

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

83MS07S98

RECEIVED OCT 25 1983

Sample Number
E3795
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5812

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.55 X40(DET. LIMITS)
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	2200D ~~10U~~ MA
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	2500 ~~100~~ MA
(31A)	122-83-2	2,4-dichlorophenol	9400 ~~100~~ MA
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	LT ~~200~~ MA
(64A)	87-36-5	pentachlorophenol	12000 ~~200~~ MA
(65A)	108-95-2	phenol	8900 ~~100~~ MA

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	920 ~~100~~ MA
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	2400 ~~100~~ MA
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	1300 ~~100~~ MA
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	LT ~~200~~ MA
(74B)	205-99-2	benzo(b)fluoranthene	1300 ~~200~~ MA
(75B)	207-08-9	benzo(k)fluoranthene	1300 20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	880 ~~200~~ MA
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	LT ~~200~~ MA
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	LT ~~200~~ MA
(84B)	129-00-0	pyrene	10U

N

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	LT ~~500~~ MA
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

NR = not resolved, either or both compounds may be present at a total of 1300 ug/kg. MAK 10/18/83

Case 1887

Sample Number
E3795
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5812

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.55
(Check Box for Appropriate Factor)

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VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride 50	~~2.5U~~ MB
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone 90	~~50U~~ MB
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

Case 1887

Sample Number
E3795
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5812

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.55 (D. + ...)
(Check Box for Appropriate Factor)

PESTICIDES

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PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 7/06 7/06	~~4.0U~~ MD
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

		DIOXINS	ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

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GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3795	VOA	NO	7-23-83	L
	B/N/A	NC		L
	Pesticides	NC		L
	Dioxin	NC		L
5812				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C# 1887

SAMPLE # E3795

LAB SAMPLE I.D. # 005812

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: V238

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU) ug/kg
1	406	108-11-2	2-PENTANOL,4-METHYL-	83.3	38.
2	526	- -	SEARCH RESULTS < 80% PURITY	--.--	14.

1.000

RECEIVED OCT 25 1983

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C# 1887

LAB SAMPLE I.D. # 005812

SAMPLE # E3795

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EV)
1	284	- -	SEARCH RESULTS < 80% PURITY	--.--	280.
2	646	104-76-7	1-HEXANOL,2-ETHYL-	84.7	510.
3	776	- -	SEARCH RESULTS < 80% PURITY	--.--	95.
4	860	120-82-1	BENZENE,1,2,4-TRICHLORO-	88.0	600.
5	889	- -	SEARCH RESULTS < 80% PURITY	--.--	2100.
6	1320	580-51-8	\1,1'-BIPHENYL\-3-OL	85.3	1100.
7	1465	- -	SEARCH RESULTS < 80% PURITY	--.--	1500.
8	1487	- -	SEARCH RESULTS < 80% PURITY	--.--	1200.

ug/kg

39.999

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

83MS07599

Sample Number
E3796
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5813

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 [ ] or 10 [ ] or [✓] 40 (DET. LIMITS) x 1.63
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol 4600	~~10U~~ MD
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol 3800	~~10U~~ MD
(31A)	122-83-2	2,4-dichlorophenol 11000	~~10U~~ SRS
(34A)	105-67-9	2,4-dimethylphenol LT	~~10U~~ MD
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol 44000	~~20U~~ MD
(65A)	108-95-2	phenol 15000	~~10U~~ MD

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol 1400	~~10U~~ MD
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene 3000	~~10U~~ MD
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene 2000	~~10U~~ MD
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene LT	~~10U~~ MD
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine 400	~~10U~~ MD
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate LT	~~10U~~ MD
(69B)	117-84-0	di-n-octyl phthalate LT	~~10U~~ MD
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline 2200	~~50U~~ MD
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3796

LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem

Lab Sample ID No. 5813

Case Number 1887

SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.63
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride 13	~~2.5U~~ MB
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

67-64-1	acetone	430	~~50U~~ MB
78-93-3	2-butanone		100U
75-15-0	carbondisulfide		5U
519-78-6	2-hexanone		50U
108-10-1	4-methyl-2-pentanone	LT ~~38~~	~~50U~~ MB
100-42-5	styrene		2.5U
108-05-4	vinyl acetate		5U
95-47-6	o-xylene		2.5U

Case 1887

Sample Number
E3796
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5813

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.63 Det. Lim. x10
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 PN. ~~1343-3~~ ~~4.0U~~ 1300 SS	
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

		DIOXINS	ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3796	VOA	ND	7-23-83	L
	B/N/A	NC		L
	Pesticides	NC		L
	Dioxin	NC		L
5813				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

RECEIVED OCT 2 5 1983

NEHO COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C # 1887

LAB SAMPLE I.D. # 005813

SAMPLE # E3796

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: V238

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU) ug/kg
1	403	108-11-2	2-PENTANOL,4-METHYL-	83.7	32.

1.000

Case 1887

C # 1887

RECEIVED OCT 2 5 1983

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

SAMPLE # E3796

LAB SAMPLE I.D. # 005813

Case 1887

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CO (UG/G) OR (U (EV)
~~1~~	~~513~~	~~367-12-4~~	~~PHENOL,2-FLUORO-~~	~~91.0~~	~~1600.~~
2 1	836	95-51-2	BENZENAMINE,2-CHLORO-	87.0	1900.
3 2	883	- -	SEARCH RESULTS < 80% PURITY	--.--	8000.
4 3	934	- -	SEARCH RESULTS < 80% PURITY	--.--	1000.
5 4	964	- -	SEARCH RESULTS < 80% PURITY	--.--	930.
6 5	1241	- -	SEARCH RESULTS < 80% PURITY	--.--	5900.
7 6	1281	- -	SEARCH RESULTS < 80% PURITY	--.--	2000.
8 7	1406	- -	SEARCH RESULTS < 80% PURITY	--.--	1600.
9 8	1414	580-51-8	[1,1'-BIPHENYL]-3-OL	80.5	1300.
10 9	1529	- -	SEARCH RESULTS < 80% PURITY	--.--	6900.
11 10	1562	- -	SEARCH RESULTS < 80% PURITY	--.--	1100.
12 11	1589	- -	SEARCH RESULTS < 80% PURITY	--.--	980.
13 12	1841	- -	SEARCH RESULTS < 80% PURITY	--.--	130.
14 13	1881	- -	SEARCH RESULTS < 80% PURITY	--.--	83.
15 14	1901	- -	SEARCH RESULTS < 80% PURITY	--.--	77.
16 15	1935	- -	SEARCH RESULTS < 80% PURITY	--.--	140.
17 16	1993	- -	SEARCH RESULTS < 80% PURITY	--.--	130.
18 17	2050	- -	SEARCH RESULTS < 80% PURITY	--.--	160.
19 18	2116	- -	SEARCH RESULTS < 80% PURITY	--.--	200.
20 19	2195	- -	SEARCH RESULTS < 80% PURITY	--.--	210.
21 20	2290	- -	SEARCH RESULTS < 80% PURITY	--.--	140.

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

83MS 0ESCl

Sample Number
E3797
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5814

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☒ 16000 (DET. LIMIT) x 4.64
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol 416 0,000 ~~10U~~ MD	
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene 13000000 ~~100~~ MD	
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene 620000 ~~10U~~ MD	
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene 1200000 ~~10U~~ MD	
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene 210000 ~~10U~~ MD	
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7 *	bis(2-ethylhexyl)phthalate 1100000 ~~10U~~ MD	
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate 900000 ~~10U~~ MD	
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

* peak saturated MS detector, quantitation suspect.
MAH 10/18/83

Case 1887

Sample Number
53797
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5814

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 4.64
(Check Box for Appropriate Factor)

RECEIVED OCT 25 1983

VOLATILES

PP#	CAS#		ug/g
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	44 ~~50~~ MB
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	63 ~~50~~ MB
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	19 ~~50~~ MB
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5.7 ~~50~~ MB
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	11 ~~50~~ MB
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene Q	790 ~~50~~ MB
(44V)	75-09-2	methylene chloride	5.8 ~~50~~ MB
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5U
(85V)	127-18-4	tetrachloroethene	12 ~~50~~ MB
(86V)	108-88-3	toluene Q	2400 ~~50~~ MB
(87V)	79-01-6	trichloroethene	55 ~~50~~ MB
(88V)	75-01-4	vinyl chloride	5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	100U
	78-93-3	2-butanone	LT ~~200U~~ MB
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	250 ~~100U~~ MB
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene Q	2300 ~~50~~ MB

Case 1887

Sample Number
E3797
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5814

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 10,000 (DET. LIMITS) × 4.64
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 ~~Est.~~ 2.9×10^6	~~4.0U~~
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

SS MD P.C.

		DIOXINS	ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

RECEIVED OCT 2 5 1983

Case Number 1887

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3797	VOA	Yes	7-23-83	M
	B/N/A	"		L
	Pesticides	"		L
	Dioxin	"		L
5814				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

C# 1887
E3797

Case 1887

RECEIVED OCT 2 5 1983

SCAN NUMBER	CAS #		
		CYCLOHEXANE	14.
		SEARCH RESULTS < 80% PURITY	55.
		CYCLOHEXANE, METHYL-	160
		ISOOCTANOL	110.
4		PENTANE 2,2,3,4-TETRAMETHYL-	180.
484		CYCLOPENTANE, 1-ETHYL-3-METHYL- (CIS-	300.
549		OCTANE	860
		SEARCH RESULTS < 80% PURITY	800
9 * 590	—	" " "	8100.

*peak saturated MS detector, quantitation suspect
MAR 10/19/83

RECEIVED OCT 2 5 1983

[illegible] Data Sheet

PAGE 4

C # 1887

SAMPLE # E3797

Case 1887

[illegible]

ESTIMATED [illegible] TENTATIVELY IDENTIFIED COMPOUNDS
[illegible] FRACTION: PSCC7

[illegible]	[illegible]	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G)~~ OR ~~(UG/L)~~ (EU) ug/kg
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 2000000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~27000~~. 740000
[illegible]	[illegible]	[illegible]	[illegible]	88.1	~~[illegible]~~. [illegible]
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 260000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~24000~~. 480000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~51000~~. 1000000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 260000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~61000~~. 1200000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 840000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 1000000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~57000~~. 1100000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 2600000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 500000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 2400000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 440000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 460000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~[illegible]~~. 580000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~17000~~. 340000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~7500~~. 150000
[illegible]	[illegible]	- -	SEARCH RESULTS < 60% PURITY	--.--	~~6100~~. 120000

[illegible]

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

83MS08 S02

Sample Number
E3798
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5815

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 800 (DET. LIMITS)
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol 16000	~~20U~~ MA
(65A)	108-95-2	phenol	10U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol 16000	~~10U~~ MA
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1 *	1,2,4-trichlorobenzene 200000	~~20U~~ MA
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene 55000	~~10U~~ MA
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene 100000	~~10U~~ MA
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone 14000	~~10U~~ MA
(55B)	91-20-3	naphthalene 20000	~~10U~~ MA
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7 *	bis(2-ethylhexyl)phthalate 220,000	~~10U~~ MA
(67B)	85-68-7	butyl benzyl phthalate LT	~~10U~~ MA
(68B)	84-74-2	di-n-butyl phthalate 49000	~~10U~~ MA
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene LT	~~20U~~ MA
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

* peak saturated MS detector, quantitation suspect. NAK 10/19/83

Case 1887

Sample Number
E3798
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5815

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 10 (DET. LIMITS)
(Check Box for Appropriate Factor)

VOLATILES

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PP#	CAS#		ug/g
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	5U
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	LT ~~5U~~ MD
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	330 ~~5U~~ MD
(44V)	75-09-2	methylene chloride	5U
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5u
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	540 ~~5U~~ MD
(87V)	79-01-6	trichloroethene	5U
(88V)	75-01-4	vinyl chloride	5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	64 ~~5U~~ MD
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	1400 ~~5U~~ MD

Case 1887

Sample Number
E3798
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5815

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 10,000 (DET. LIMITS)
(Check Box for Appropriate Factor)

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PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.C. 1.6x10⁷ ~~4.0U~~ mD	
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

		DIOXINS	ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3798	VOA	NO	7-23-83	A
	B/N/A	NC		L
	Pesticides	NC		L
	Dioxin	NC		L
5815				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

RECEIVED OCT 25 1983

QUALITY ASSURANCE NOTICE
CC#5815

Due to insufficient sample remaining, the dry weight portion of this sample was not analyzed.

Susan R. Setzer
Quality Assurance Analyst

Case 1887

C#1887

SAMPLE # E3798

LOT NUMBER # 005013

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: V237

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU)
1	592	108-38-3	BENZENE,1,3-DIMETHYL-	92.6	~~550.~~ 6500 µg/L

1.000 ×ID

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RECEIVED OCT 2 5 1983

TCLP COMPOUND ORGANICS ANALYSIS DATA SHEET

C # 1887

LAB SAMPLE I.D. # 905815

SAMPLE # EE3798

Case 1887

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSOO7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G)~~ OR ~~(UG/L)~~ (EU)
1	484	100-41-4	BENZENE ETHYL-	91.3	37000.
2	455	108-38-3	BENZENE,1,3-DIMETHYL-	88.8	210000.
3	503	108-38-3	BENZENE,1,3-DIMETHYL-	90.4	75000.
4	667	108-67-8	BENZENE,1,3,5-TRIMETHYL-	86.3	41000.
5	672	124-18-5	DECANE	89.9	56000.
6	795	1120-21-4	UNDECANE	90.9	66000.
~~7~~	~~[illegible]~~	~~[illegible]~~	~~SEARCH RESULTS < 80% PURITY~~	~~--.--~~	~~1200000.~~
~~[illegible]~~ 7	814	108-43-0	PHENOL,3-CHLORO-	81.7	290000.
~~[illegible]~~ 8	1113	- -	SEARCH RESULTS < 80% PURITY	--.--	57000.
~~[illegible]~~ 9	1337	- -	SEARCH RESULTS < 80% PURITY	--.--	66000.
~~[illegible]~~ 10	[illegible]	- -	SEARCH RESULTS < 80% PURITY	--.--	22000.
~~[illegible]~~ 11	1441	- -	SEARCH RESULTS < 80% PURITY	--.--	21000.
~~[illegible]~~ 12	[illegible]	- -	SEARCH RESULTS < 80% PURITY	--.--	240000.

799 856

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MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C# 1887

LAB SAMPLE I.D. # 805315

SAMPLE # E3798

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G)~~ OR ~~(UG/L)~~ (EV)
1 13	1736	- -	SEARCH RESULTS < 80% PURITY	--.--	1000000.
2 14	1812	- -	SEARCH RESULTS < 80% PURITY	--.--	510000.
3 15	1845	- -	SEARCH RESULTS < 80% PURITY	--.--	540000.
4 16	1884	- -	SEARCH RESULTS < 80% PURITY	--.--	440000.
5 7	1907	- -	SEARCH RESULTS < 80% PURITY	--.--	620000.
6 18	1913	- -	SEARCH RESULTS < 80% PURITY	--.--	430000.
7 19	2033	- -	SEARCH RESULTS < 80% PURITY	--.--	480000.
8 20	2108	- -	SEARCH RESULTS < 80% PURITY	--.--	300000.

755.598

Case 1887

MK

83MS08S03

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

Sample Number
E3861
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5862

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 40 (DET. LIMITS) X 1.77
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	800 ~~100~~ mg
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	600 ~~100~~ mg
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	4200 ~~200~~ mg
(65A)	108-95-2	phenol	6000 ~~100~~ mg

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate LT	~~10U~~ mg
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3801
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5862

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.77
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride	2.5 ~~2.5U~~ mb
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	540 ~~500~~ mb
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	LT ~~500~~ mb
	100-42-5	styrene	4.2 ~~2.50~~ mb
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

Case 1887

Sample Number
E3801
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5862

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.77
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.N. 190	~~4.0U~~ mo
(112P)	12674-11-2	PCB-1016 DN 210	~~4.0U~~ mo
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

RECEIVED OCT 2 5 1983

Laboratory Name Mead CompuChem

Case Number 1887

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3801	VOA	NO	7-26-83	L
	B/N/A	NC		L
	Pesticides	NC		L
	Dioxin	NC		L
5862				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

C# 1887
E3801

			% PURITY	ESTIMATE COST ~~(USD) BY COST~~ (ED)
[illegible]	[illegible]	[illegible]	92.5	2.3 ug/kg
[illegible]	[illegible]	[illegible]	88.5	1.7
[illegible]	[illegible]	[illegible]	98.8	[illegible]
[illegible]	[illegible]	[illegible]	--.--	[illegible]

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ORGANICS ANALYSIS DATA SHEET - Page 4

LAB NAME: [illegible]

LAB SAMPLE I.D. # [illegible]

SAMPLE # C# 1887 E3801

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	FRACTION	% PURITY	ESTIMATE CONC.(ug/l)
1	284		Series Sorbitan Esters	FSCC		1400
2	1221		"	FSCC		1400
3	[illegible]		"	FSCC		2300
4	[illegible]		"	FSCC		1300
5	[illegible]		"	FSCC		4300
6	[illegible]		"	FSCC		2400
7	[illegible]		"	FSCC		12000
8	[illegible]		"	FSCC		970
9				FSCC		
10				FSCC		
11				FSCC		
12				FSCC		
13				FSCC		
14				FSCC		
15				FSCC		
16				FSCC		
17				FSCC		
18				FSCC		
19				FSCC		
20				FSCC		

1881

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

83MS0850 #

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Sample Number
E3862
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5863

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 40 (DET. LIMITS) (1.74)
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	1900 ~~100~~ mb
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	1600 ~~100~~ mb
(31A)	122-83-2	2,4-dichlorophenol	11000 ~~100~~ mb
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	12000 ~~200~~ mb
(65A)	108-95-2	phenol	13000 ~~100~~ mb

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	1000 ~~100~~ mb
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	1600 ~~100~~ mb
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene 720	~~100~~ mb
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	10U
(67B)	85-68-7	butyl benzyl phthalate LT	~~100~~ mb
(68B)	84-74-2	di-n-butyl phthalate 3800	~~100~~ mb
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate LT	~~100~~ mb
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene ~~LT~~	~~20U~~ mb
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3802
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 3863

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.74
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	LT ~~2.5U~~ MB
(44V)	75-09-2	methylene chloride	23 ~~2.5U~~ MB
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	1400 ~~500~~ MB
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	5.3 ~~2.5U~~ MB
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	LT ~~2.5U~~ MB

Case 1887

Sample Number
E3862
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5863

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.74
(Check Box for Appropriate Factor)

PESTICIDES

RECEIVED OCT 2 5 1983

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242 P.C 5000	~~4.0U~~ mo
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.C 1000	~~4.0U~~ mo
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

		DIOXINS	ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3862	VOA	NO	7-26-83	L
	B/N/A	NO		L
	Pesticides	NO		L
	Dioxin	NO		L
5863				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

RECEIVED OCT 2 5 1983

CH 1887
E 3802

Case 1887

PURITY ESTIMATED COST PER GRAM

90.9 96. mg/kg

C # 1887
E3502

Case 1887

RECEIVED OCT 25 1983

			% PURITY	ESTIMATED COST PER CONT. (20)
			93.3	700.
			92.8	700.
			95.8	800.
			85.6	3500.
			--.--	1500.
			--.--	1300.
			94.5	1900.
			--.--	1500.
			--.--	1300.
			--.--	650.
			--.--	100.
			--.--	3600.
			--.--	1000.
			93.8	16000.
			85.5	2400.
			97.5	11000.
			98.4	3000.
—19			--.--	17000.
—18			--.--	1600.
—19			--.--	9100.
—20			--.--	500.

mg/kg

83M508505

U.S. ENVIRONMENTAL PROTECTION AGENCY-CLP Sample Management Office
P.O. Box 818, Alexandria, VA 22313 - 703/557-24 RECEIVED OCT 2 5 1983

Sample Number
E3803
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5864

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.89 x 40 (DET. LIMITS)
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#			ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	~~7680~~ 7700	~~10U~~ MD
(22A)	59-50-7	p-chloro-m-cresol		20U
(24A)	95-57-8	2-chlorophenol	4600	~~10U~~ MD
(31A)	122-83-2	2,4-dichlorophenol	27000	~~10U~~ MD
(34A)	105-67-9	2,4-dimethylphenol	680	~~10U~~ MD
(57A)	88-75-5	2-nitrophenol		20U
(58A)	100-02-7	4-nitrophenol		100U
(59A)	51-88-5	2,4-dinitrophenol		50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol		20U
(64A)	87-36-5	pentachlorophenol	39600	~~20U~~ MD
(65A)	108-95-2	phenol	* Q 16000	~~10U~~ MD

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid		100U
	95-48-7	2-methylphenol		10U
	108-39-4	4-methylphenol	1900	~~10U~~ MD
	95-95-4	2,4,5-trichlorophenol	LT	~~100U~~ MD

BASE-NEUTRAL COMPOUNDS

PP#	CAS#			ug/kg
(1B)	83-32-9	acenaphthene		10U
(5B)	92-87-5	benzidine		40U
(8B)	120-82-1	1,2,4-trichlorobenzene		10U
(9B)	118-74-1	hexachlorobenzene		10U
(12B)	67-72-1	hexachloroethane		10U
(18B)	111-44-4	bis(2-chloroethyl)ether		10U
(20B)	91-58-7	2-chloronaphthalene		10U
(25B)	95-50-1	1,2-dichlorobenzene	LT	~~100U~~ MD
(26B)	541-73-1	1,3-dichlorobenzene		10U
(27B)	106-46-7	1,4-dichlorobenzene	4100	~~10U~~ MD
(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 (as azobenzene)		20U
(39B)	206-44-0	fluoranthene		10U
(40B)	7005-72-3	4-chlorophenyl phenylether		10U
(41B)	101-55-3	4-bromophenyl phenyl ether		10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#			ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether		20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane		20U
(52B)	87-68-3	hexachlorobutadiene		10U
(53B)	77-47-4	hexachlorocyclopentadiene		10U
(54B)	78-59-1	isophorone		10U
(55B)	91-20-3	naphthalene	2600	~~10U~~ MD
(56B)	98-95-3	nitrobenzene		10U
(62B)	86-30-6	N-nitrosodiphenylamine		10U
(63B)	621-64-7	N-nitrosodi-n-propylamine		20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate		10U
(67B)	85-68-7	butyl benzyl phthalate		10U
(68B)	84-74-2	di-n-butyl phthalate		10U
(69B)	117-84-0	di-n-octyl phthalate		10U
(70B)	84-66-2	diethyl phthalate		10U
(71B)	131-11-3	dimethyl phthalate		10U
(72B)	56-55-3	benzo(a)anthracene		10U
(73B)	50-33-8	benzo(a)pyrene		20U
(74B)	205-99-2	benzo(b)fluoranthene		20U
(75B)	207-08-9	benzo(k)fluoranthene		20U
(76B)	318-01-9	chrysene		10U
(77B)	208-96-8	acenaphthylene		10U
(78B)	120-12-7	anthracene		10U
(79B)	181-24-2	benzo(ghi)perylene		20U
(80B)	86-73-7	fluorene		10U
(81B)	85-01-8	phenanthrene		10U
(82B)	53-70-3	dibenzo(a,h)anthracene		20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene		20U
(84B)	129-00-0	pyrene		10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	680	~~10U~~ MD
	100-51-6	benzyl alcohol		20U
	106-47-8	4-chloroaniline	9600	~~50U~~ MD
	132-64-9	dibenzofuran		10U
	91-57-6	2-methylnaphthalene		20U
	88-74-4	2-nitroaniline		100U
	99-09-2	3-nitroaniline		100U
	100-01-6	4-nitroaniline		100U

* peak saturated MS detector, quantitation suspect.
MSK 10/19/83

Case 1887

Sample Number
E3863
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5864

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.89
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride	2.5U
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	50U
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

Case 1887

Sample Number
E3863
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5864

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.89
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 D.N. 370	~~4.0U~~ MQ
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3803	VOA	Yes	7-26-83	M
	B/N/A			
	Pesticides			
	Dioxin			
5864				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

C# 1887
E3803

Case 1887

PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (ED)
--.--	19. ug/kg

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MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

SAMPLE # E3803

Case 1887

AB SAMPLE I.D. # 005864

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G)~~ OR ~~(UG/L)~~ (EV)
1	396	108-11-2	2-PENTANOL,4-METHYL-	89.4	1400.
2	610	108-38-3	BENZENE,1,3-DIMETHYL-	92.2	1400.
3	649	100-41-4	BENZENE,ETHYL-	93.2	440.
4	853	104-76-7	1-HEXANOL,2-ETHYL-	83.4	1900.
5	933	289-16-7	1,2,4-TRITHIOLANE	93.6	670.
6	966	- -	SEARCH RESULTS < 80% PURITY	--.--	1500.
7	976	95-51-2	BENZENAMINE,2-CHLORO-	86.6	2500.
8	1052	106-48-9	PHENOL,4-CHLORO-	85.7	7100.
9	1276	- -	SEARCH RESULTS < 80% PURITY	--.--	450.
10	1410	- -	SEARCH RESULTS < 80% PURITY	--.--	6500.
11	1533	580-51-8	\1,1'-BIPHENYL\-3-OL	85.3	3900.
12	1540	580-51-8	\1,1'-BIPHENYL\-3-OL	84.3	4000.
13	1657	- -	SEARCH RESULTS < 80% PURITY	--.--	10000.
14	1709	- -	SEARCH RESULTS < 80% PURITY	--.--	1300.
15	1787	- -	SEARCH RESULTS < 80% PURITY	--.--	1800.
16	1810	10544-50-0	SULFUR,MOL.(S8)	83.2	3900.
17	1875	80-05-7	PHENOL,4,4'-(1-METHYLETHYLIDENE)BIS-	83.8	2700.

39.999

ug/kg

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

83M508507

Sample Number
E3805
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5868

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ Detection 400 x 1.37
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	6400 ~~100U~~ MD
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	100,000 ~~100U~~ MD
(31A)	122-83-2	2,4-dichlorophenol	12000 ~~100U~~ MD
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	2600 ~~20U~~ MD
(65A)	108-95-2	phenol	50000 ~~100~~ MD

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	9200 ~~100~~ MD
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	4600 ~~100U~~ MD
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
63805
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5868

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.37
(Check Box for Appropriate Factor)

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VOLATILES

PP#	CAS#		ug/g
(2V)	107-02-8	acrolein	100U
(3V)	107-13-1	acrylonitrile	100U
(4V)	71-43-2	benzene	5U
(6V)	56-23-5	carbon tetrachloride	5U
(7V)	108-90-7	chlorobenzene	5U
(10V)	107-06-2	1,2-dichloroethane	5U
(11V)	71-55-6	1,1,1-trichloroethane	5U
(13V)	75-34-3	1,1-dichloroethane	5U
(14V)	79-00-5	1,1,2-trichloroethane	5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	5U
(16V)	75-00-3	chloroethane	5U
(19V)	110-75-8	2-chloroethylvinyl ether	5U
(23V)	67-66-3	chloroform	5U
(29V)	75-35-4	1,1-dichloroethene	5U
(30V)	156-60-5	1,2-trans-dichloroethene	5U
(32V)	78-87-5	1,2-dichloropropane	5U
(33V)	10061-02-6	trans-1,3-dichloropropene	5U
	10061-01-05	cis,1,3-dichloropropene	10U
(38V)	100-41-4	ethylbenzene	5U
(44V)	75-09-2	methylene chloride	LT ~~5U~~ MB
(45V)	74-87-3	chloromethane	5U
(46V)	74-83-9	bromomethane	5U
(47V)	75-25-2	bromoform	5U
(48V)	75-27-4	bromodichloromethane	5U
(49V)	75-69-4	fluorotrichloromethane	5U
(51V)	124-48-1	chlorodibromomethane	5u
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene	5U
(87V)	79-01-6	trichloroethene	5U
(88V)	75-01-4	vinyl chloride	5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	100U
	78-93-3	2-butanone	200U
	75-15-0	carbondisulfide	10U
	519-78-6	2-hexanone	100U
	108-10-1	4-methyl-2-pentanone	100U
	100-42-5	styrene	5U
	108-05-4	vinyl acetate	10U
	95-47-6	o-xylene	5U

Case 1887

Sample Number
E 3805
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5868

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.37
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.N. 68	~~4.0U~~ mw
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem RECEIVED OCT 2 5 1983

Case Number 1887

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3805	VOA	Yes	7-26-83	M
	B/N/A	NC		L
	Pesticides	NC		L
	Dioxin	NC		L
5868				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C# 1887

Case 1881

LAB SAMPLE I.D. # 005868

SAMPLE # E380S

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CO (UG/G) OR (UG/L) (EV)
1	1382	90-43-7	* \1,1'-BIPHENYL\-2-OL	80.9	140000. mg/kg
2	1541	580-51-8	\1,1'-BIPHENYL\-3-OL	84.1	26000.
3	1549	580-51-8	\1,1'-BIPHENYL\-3-OL	84.6	21000.
4	1899	80-05-7	PHENOL,4,4'-(1-METHYLETHYLIDENE)BIS-	82.7	3100.

399.998

* peak saturated MS detector, quantitation suspect.
MAK 10/19/83

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

RECEIVED OCT 2 5 1983

83MS08S06

Sample Number
E3866
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5869

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.93 x 40 (DET. LIMITS)
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol 3860	~~100~~ MD
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene 550	~~10U~~ MD
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate 580	~~10U~~ MD
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline 51000	~~10U~~ MD
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3806
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5869

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.93
(Check Box for Appropriate Factor)

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VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	4.1 ~~2.5U~~ MD
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	7.7 ~~2.5U~~ MD
(44V)	75-09-2	methylene chloride	6.1 ~~2.5U~~ MD
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	2600 ~~500~~ MD
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	23 ~~2.5U~~ MD

Case 1887

Sample Number
E3806
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5869

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.93
(Check Box for Appropriate Factor)

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PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.N. 160	~~4.0U~~ ma
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3806	VOA	No	72683	L
	B/N/A	NC		L
	Pesticides	NC		L
	Dioxin	NC		L
5869				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

RECEIVED OCT 2 5 1983

C# 1887
E3806

1887 (Cont.)

[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	94.2	60. ug/kg
[illegible]	[illegible]	86.7	52.

RECEIVED OCT 2 5 1983

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C# 1887

LAB SAMPLE I.D. # 005869

SAMPLE # E3806

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EV)
1	424	108-38-3	BENZENE,1,3-DIMETHYL-	91.0	1100. ug/kg
2	457	108-38-3	BENZENE,1,3-DIMETHYL-	88.2	610.
~~3~~	~~574~~	~~62-53-3~~	~~BENZENAMINE~~	~~90.5~~	~~5800.~~
~~4~~ 3	647	- -	SEARCH RESULTS < 80% PURITY	--.--	1100.
~~5~~ 4	661	116-02-9	CYCLOHEXANOL,3,3,5-TRIMETHYL-	80.8	730.
~~6~~ 5	763	90-00-6	PHENOL,2-ETHYL-	89.6	1000.
~~7~~ 6	1268	- -	SEARCH RESULTS < 80% PURITY	--.--	1300.
~~8~~ 7	1296	- -	SEARCH RESULTS < 80% PURITY	--.--	780.
~~9~~ 8	1376	- -	SEARCH RESULTS < 80% PURITY	--.--	1000.
~~10~~ 9	1415	- -	SEARCH RESULTS < 80% PURITY	--.--	1900.
~~11~~ 10	1473	- -	SEARCH RESULTS < 80% PURITY	--.--	920.
~~12~~ 11	1794	- -	SEARCH RESULTS < 80% PURITY	--.--	520.
~~13~~ 12	1803	- -	SEARCH RESULTS < 80% PURITY	--.--	530.
~~14~~ 13	1140	.	"	—	1300

39.999

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

83MS08509

Sample Number
E3807
LOW LEVEL SOLID

RECEIVED OCT 25 1983

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5870

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☒ (Detection 40) x 1.46
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate 910	~~100~~ MD
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate LT	~~10U~~ MD
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene 520	~~10U~~ MD
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene LT	~~20U~~ MD
(75B)	207-08-9	benzo(k)fluoranthene LT	~~20U~~ MD
(76B)	318-01-9	chrysene 640	~~10U~~ MD
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene LT	~~10U~~ MD

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline 1700	~~10U~~ MD
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline 960	~~50U~~ MD
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

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

RECEIVED OCT 2 5 1983

Sample Number
E3807
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5870R

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 [ ] or 10 [ ] or [✓] 4U (DET. Limits) x 1.46
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene	10U
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate 440 ~~100~~ mD	
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate	10U
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	1100 ~~10U~~ mD
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3807
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 5870

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.46
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride 19	~~2.5U~~ MB
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	50U
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

Case 1887

Sample Number
E3807
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5870

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.46
(Check Box for Appropriate Factor)

RECEIVED OCT 2 5 1983

PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	~~4.0U~~
(107P)	11097-69-7	PCB-1254	~~4.0U~~
(108P)	11104-28-2	PCB-1221 P.N 670	~~4.0U~~
(109P)	11141-16-5	PCB-1232	~~4.0U~~
(110P)	12672-29-6	PCB-1248	~~4.0U~~
(111P)	11096-82-5	PCB-1260	~~4.0U~~
(112P)	12674-11-2	PCB-1016	~~4.0U~~
(113P)	8001-35-2	toxaphene	4.0U

MD

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

RECEIVED OCT 2 5 1983

Laboratory Name Mead CompuChem

Case Number 1887

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3807	VOA	NO	7-26-83	L
	B/N/A	NO		L
	Pesticides	NO		L
	Dioxin	NO		L
5870				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

[illegible] ORGANIC ANALYSIS DATA SHEET

C# 1887

[illegible] # [illegible]

SAMPLE # E3807

ESTIMATED [illegible] OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: [illegible]

[illegible]	[illegible] NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EV)
1	No.2	541-73-1	BENZENE,1,3-DICHLORO-	88.9	34. µg/kg

[illegible]

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MEAS CONFUCHEM ORGANICS ANALYSIS DATA SHEET

C-1887

LAB SAMPLE I.D. # 005870

SAMPLE # E3807

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU)
1	1385	4537-11-5	BENZENE,(1-BUTYLHEXYL)-	91.0	330. ug/kg
2	1398	- -	SEARCH RESULTS < 80% PURITY	--.--	300.
3	1409	- -	SEARCH RESULTS < 80% PURITY	--.--	350.
4	1440	4537-13-7	BENZENE,(1-METHYLNONYL)-	90.9	340.
5	1469	- -	SEARCH RESULTS < 80% PURITY	--.--	3400.
6	1478	- -	SEARCH RESULTS < 80% PURITY	--.--	1700.
7	1495	- -	SEARCH RESULTS < 80% PURITY	--.--	1800.
8	1526	17372-04-4	BENZENE,(2-IODOETHYL)-	83.9	1700.
9	1549	2719-83-3	BENZENE,(1-BUTYLOCTYL)-	85.7	4400.
10	1577	2400-00-2	BENZENE,(1-ETHYLDECYL)-	85.7	1700.
11	1606	2715-81-1	BENZENE,(1-METHYLUNDECYL)-	89.2	1600.
12	1621	- -	SEARCH RESULTS < 80% PURITY	--.--	780.
13	1626	- -	SEARCH RESULTS < 80% PURITY	--.--	590.
14	1636	- -	SEARCH RESULTS < 80% PURITY	--.--	360.
15	1774	- -	SEARCH RESULTS < 80% PURITY	--.--	930.

39.999

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LAB SAMPLE I.D. # 005870 SAMPLE # _____

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: GH005870C15

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU)
16	1559	2719-64-4	BENZENE,(1-PROPYLNONYL)-	87.4	140000. ug/kg

33.999

1881 Ans

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MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C# 1887

AB SAMPLE I.D. # 005870

SAMPLE # E3807

Case 1887

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

TEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EV)
1	706	- -	SEARCH RESULTS < 80% PURITY	--.--	2000.
2	1000	324-74-3	2-FLUOROBIPHENYL	88.8	3000.
~~3~~ 1	1148	4537-11-5	BENZENE,(1-BUTYLHEXYL)-	86.3	160. ug/Kg
~~4~~ 2	1230	- -	SEARCH RESULTS < 80% PURITY	--.--	1600.
~~5~~ 3	1238	- -	SEARCH RESULTS < 80% PURITY	--.--	820.
~~6~~ 4	1255	- -	SEARCH RESULTS < 80% PURITY	--.--	930.
~~7~~ 5	1285	17376-04-4	BENZENE,(2-IODOETHYL)-	81.6	710.
~~8~~ 6	1305	2719-62-2	BENZENE,(1-PENTYLHEPTYL)-	87.2	2400.
~~9~~ 7	1318	2719-64-4	BENZENE,(1-PROPYLNONYL)-	86.3	810.
~~0~~ 8	1335	2400-00-2	BENZENE,(1-ETHYLDECYL)-	85.6	850.
~~1~~ 9	1364	2719-61-1	BENZENE,(1-METHYLUNDECYL)-	86.7	750.
~~2~~ 10	1379	- -	SEARCH RESULTS < 80% PURITY	--.--	410.
~~3~~ 11	1529	- -	SEARCH RESULTS < 80% PURITY	--.--	790.
~~4~~ 12	1987	- -	SEARCH RESULTS < 80% PURITY	--.--	100.

39.999

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

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83MS08S10

Sample Number
E3808
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 5871

Case Number 1887
SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ (Detection 40) X1.47
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	10U
(22A)	59-50-7	p-chloro-m-cresol	20U
(24A)	95-57-8	2-chlorophenol	10U
(31A)	122-83-2	2,4-dichlorophenol	10U
(34A)	105-67-9	2,4-dimethylphenol	10U
(57A)	88-75-5	2-nitrophenol	20U
(58A)	100-02-7	4-nitrophenol	100U
(59A)	51-88-5	2,4-dinitrophenol	50U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	20U
(64A)	87-36-5	pentachlorophenol	20U
(65A)	108-95-2	phenol	10U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	100U
	95-48-7	2-methylphenol	10U
	108-39-4	4-methylphenol	10U
	95-95-4	2,4,5-trichlorophenol	100U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	10U
(5B)	92-87-5	benzidine	40U
(8B)	120-82-1	1,2,4-trichlorobenzene	10U
(9B)	118-74-1	hexachlorobenzene	10U
(12B)	67-72-1	hexachloroethane	10U
(18B)	111-44-4	bis(2-chloroethyl)ether	10U
(20B)	91-58-7	2-chloronaphthalene	10U
(25B)	95-50-1	1,2-dichlorobenzene	10U
(26B)	541-73-1	1,3-dichlorobenzene	10U
(27B)	106-46-7	1,4-dichlorobenzene LT ~~10U~~ MD	
(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 (as azobenzene)	20U
(39B)	206-44-0	fluoranthene	10U
(40B)	7005-72-3	4-chlorophenyl phenylether	10U
(41B)	101-55-3	4-bromophenyl phenyl ether	10U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	20U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	20U
(52B)	87-68-3	hexachlorobutadiene	10U
(53B)	77-47-4	hexachlorocyclopentadiene	10U
(54B)	78-59-1	isophorone	10U
(55B)	91-20-3	naphthalene	10U
(56B)	98-95-3	nitrobenzene	10U
(62B)	86-30-6	N-nitrosodiphenylamine	10U
(63B)	621-64-7	N-nitrosodi-n-propylamine	20U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate 400 ~~100~~ MD	
(67B)	85-68-7	butyl benzyl phthalate	10U
(68B)	84-74-2	di-n-butyl phthalate LT ~~10U~~ MD	
(69B)	117-84-0	di-n-octyl phthalate	10U
(70B)	84-66-2	diethyl phthalate	10U
(71B)	131-11-3	dimethyl phthalate	10U
(72B)	56-55-3	benzo(a)anthracene	10U
(73B)	50-33-8	benzo(a)pyrene	20U
(74B)	205-99-2	benzo(b)fluoranthene	20U
(75B)	207-08-9	benzo(k)fluoranthene	20U
(76B)	318-01-9	chrysene	10U
(77B)	208-96-8	acenaphthylene	10U
(78B)	120-12-7	anthracene	10U
(79B)	181-24-2	benzo(ghi)perylene	20U
(80B)	86-73-7	fluorene	10U
(81B)	85-01-8	phenanthrene	10U
(82B)	53-70-3	dibenzo(a,h)anthracene	20U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	20U
(84B)	129-00-0	pyrene	10U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	10U
	100-51-6	benzyl alcohol	20U
	106-47-8	4-chloroaniline	50U
	132-64-9	dibenzofuran	10U
	91-57-6	2-methylnaphthalene	20U
	88-74-4	2-nitroaniline	100U
	99-09-2	3-nitroaniline	100U
	100-01-6	4-nitroaniline	100U

Case 1887

Sample Number
E3808

LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem

Lab Sample ID No. 5871

Case Number 1887

SAS Number

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.47
(Check Box for Appropriate Factor)

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VOLATILES

PP#	CAS#		ug/kg
(2V)	107-02-8	acrolein	50U
(3V)	107-13-1	acrylonitrile	50U
(4V)	71-43-2	benzene	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	2.5U
(10V)	107-06-2	1,2-dichloroethane	2.5U
(11V)	71-55-6	1,1,1-trichloroethane	2.5U
(13V)	75-34-3	1,1-dichloroethane	2.5U
(14V)	79-00-5	1,1,2-trichloroethane	2.5U
(15V)	79-34-5	1,1,2,2-tetrachloroethane	2.5U
(16V)	75-00-3	chloroethane	2.5U
(19V)	110-75-8	2-chloroethylvinyl ether	2.5U
(23V)	67-66-3	chloroform	2.5U
(29V)	75-35-4	1,1-dichloroethene	2.5U
(30V)	156-60-5	1,2-trans-dichloroethene	2.5U
(32V)	78-87-5	1,2-dichloropropane	2.5U
(33V)	10061-02-6	trans-1,3-dichloropropene	2.5U
	10061-01-05	cis,1,3-dichloropropene	5U
(38V)	100-41-4	ethylbenzene	2.5U
(44V)	75-09-2	methylene chloride	47 ~~2.5U~~ mB
(45V)	74-87-3	chloromethane	2.5U
(46V)	74-83-9	bromomethane	2.5U
(47V)	75-25-2	bromoform	2.5U
(48V)	75-27-4	bromodichloromethane	2.5U
(49V)	75-69-4	fluorotrichloromethane	2.5U
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U
(87V)	79-01-6	trichloroethene	2.5U
(88V)	75-01-4	vinyl chloride	2.5U

(Non-Priority Pollutant Hazardous Substances)

	67-64-1	acetone	260 ~~500U~~ mB
	78-93-3	2-butanone	100U
	75-15-0	carbondisulfide	5U
	519-78-6	2-hexanone	50U
	108-10-1	4-methyl-2-pentanone	50U
	100-42-5	styrene	2.5U
	108-05-4	vinyl acetate	5U
	95-47-6	o-xylene	2.5U

Case 1887

Sample Number
E3808
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 5871

Case Number 1887
SAS Number

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.47
(Check Box for Appropriate Factor)

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PESTICIDES

PP#	CAS#		ug/kg
(39P)	309-00-2	aldrin	4.0U
(90P)	60-57-1	dieldrin	4.0U
(91P)	57-74-9	chlordane	4.0U
(92P)	50-29-3	4,4'-DDT	4.0U
(93P)	72-55-9	4,4'-DDE	4.0U
(94P)	72-54-8	4,4'-DDD	4.0U
(95P)	115-29-7	endosulfan I	4.0U
(96P)	115-29-7	endosulfan II	4.0U
(97P)	1031-07-8	endosulfan sulfate	4.0U
(98P)	78-20-8	endrin	4.0U
(99P)	7421-43-4	endrin aldehyde	4.0U
(100P)	76-44-8	heptachlor	4.0U
(101P)	1024-57-3	heptachlor epoxide	4.0U
(102P)	319-84-6	BHC-Alpha	4.0U
(103P)	319-85-7	BHC-Beta	4.0U
(104P)	319-86-8	BHC-Delta	4.0U
(105P)	58-89-9	BHC-Gamma	4.0U
(106P)	53469-21-9	PCB-1242	4.0U
(107P)	11097-69-7	PCB-1254	4.0U
(108P)	11104-28-2	PCB-1221	4.0U
(109P)	11141-16-5	PCB-1232	4.0U
(110P)	12672-29-6	PCB-1248	4.0U
(111P)	11096-82-5	PCB-1260 P.C. 2400	~~4.0U~~ MD
(112P)	12674-11-2	PCB-1016	4.0U
(113P)	8001-35-2	toxaphene	4.0U

DIOXINS

			ug/kg
(129B)	1746-01-6	2,3,7,8-tetrachlorodibenzo-p-dioxin	0.16U

Case 1887

GC SCREEN DATA SHEET

Laboratory Name Mead CompuChem

Case Number 1887

RECEIVED OCT 2 5 1983

Sample ID Number	Fraction	GC Detectable* Medium Level	Date of Screen	Level of GC/MS Analysis**
E3808	VOA	ND	7-26-83	L
	B/N/A	NC		L
	Pesticides	NC		L
	Dioxin	NC		L
5871				
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			
	VOA			
	B/N/A			
	Pesticides			
	Dioxin			

*Answer Yes or No.
**Indicate"M" for medium level GC/MS analysis.
Indicate"L" for low level GC/MS analysis.

Case 1887

RECEIVED OCT 2 5 1983

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

C#1887

LAB SAMPLE I.D. # 005871

SAMPLE # E3868

1881

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC7

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EV)
1	1196	4537-11-5	BENZENE,(1-BUTYLHEXYL)-	89.9	1800. ug/kg
2	1204	- -	SEARCH RESULTS < 80% PURITY	--.--	950.
3	1221	- -	SEARCH RESULTS < 80% PURITY	--.--	1200.
4	1252	4537-13-7	BENZENE,(1-METHYLNONYL)-	88.7	1500.
5	1282	- -	SEARCH RESULTS < 80% PURITY	--.--	14000.
6	1290	- -	SEARCH RESULTS < 80% PURITY	--.--	4800.
7	1308	- -	SEARCH RESULTS < 80% PURITY	--.--	7800.
~~8~~	~~1317~~	~~- -~~	~~SEARCH RESULTS < 80% PURITY~~	~~--.--~~	~~120.~~
~~9~~ 8	1338	- -	SEARCH RESULTS < 80% PURITY	--.--	6600.
~~10~~ 9	1359	- -	SEARCH RESULTS < 80% PURITY	--.--	18000.
~~11~~ 10	1373	2719-64-4	BENZENE,(1-PROPYLNONYL)-	83.7	6100.
~~12~~ 11	1390	2400-00-2	BENZENE,(1-ETHYLDECYL)-	86.7	6900.
~~13~~ 12	1420	2719-61-1	BENZENE,(1-METHYLUNDECYL)-	87.4	8500.
~~14~~ 13	1435	- -	SEARCH RESULTS < 80% PURITY	--.--	3900.
~~15~~ 14	1440	- -	SEARCH RESULTS < 80% PURITY	--.--	2000.
~~16~~ 15	1450	- -	SEARCH RESULTS < 80% PURITY	--.--	1300.
~~17~~ 16	1469	- -	SEARCH RESULTS < 80% PURITY	--.--	1400.
~~18~~ 17	1485	- -	SEARCH RESULTS < 80% PURITY	--.--	1000.
~~19~~ 18	1498	- -	SEARCH RESULTS < 80% PURITY	--.--	1600.
~~20~~ 19	1557	112-95-8	EICOSANE	88.1	2100.
~~21~~ 20	1589	- -	SEARCH RESULTS < 80% PURITY	--.--	1800.

39.999