519

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE 8-29-83

SUBJECT Transmittal of Laboratory Data

FROM Charles P. Hensley CPH
Chief, Laboratory Branch, ENSV

TO Scott Richey

Site: Syntex Verona
ID#: MND007452154
Break: 3.3
Other: EPA
8-29-83

JDB

0751

SUPERFUND SECTION

Analyses have been completed for the following activities and the data results are attached.

Activity No.	Description
AN38 + AT45	Syntex - priority pollutants
	(completes transmittal of 9/26)

Attachments

cc: Data Files

40032175
SUPERFUND RECORDS

7061989

EPA Form 1320-6 (Rev. 3-76)

QUALIFIERS FOR ORGANIC DATA

U	not detected. This code is only applied in conjunction with detection limits.
M	The value indicated is below the quantitation limit but above the detection limit.
J	The value is of unknown quality. Approximate value.
BDL	below detection limit
EV	estimated value, used when estimating a tentatively identified compound.
LT	less than the specified detection limit but greater than one half of the detection limit (present but BDL)
PC	pesticide or PCB confirmed by GC/MS
PN	pesticide or PCB cannot be confirmed by GC/MS
SC	suspected laboratory contaminant
Q	quantitated from secondary ions

QUALIFIERS FOR INORGANIC DATA

ND	not detected
NDB	not detected due to blank correction
NDS	not detected, analysis by standard method
NA	not applicable (analysis not requested)
c	corrected for blank
s	analysis by standard method technique
[ ]	below contract-required detection limits but above actual instrument detection limits

EPANUMBE	SASCONTN	SAMPLEDA	DESCRIPTION
AN3816	393G	09/15/82	DISCRETE SOIL SAMPLE FROM IRRIGATION AREA COLLECTED BY SYNTEX (IA 25-32)
AN3819	393G	09/15/82	DISCRETE WATER SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L-6)
AN3820	393G	09/15/82	DISCRETE SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L-5,L-6)
AN3821	393G0069	09/15/82	DISCRETE SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L 7,8)
AN3822	393G	09/15/82	DISCRETE WATER SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L-8)
AN3833	393G0045	09/15/82	DISCRETE SOIL SAMPLE FROM BURN AREA COLLECTED BY SYNTEX (B 5, B 6)
AN3835	393G0050	09/15/82	DISCRETE WATER SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L 28)
AN3841	393G0063	09/15/82	DISCRETE SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L 29,30)
AN3842	393G0051	09/15/82	DISCRETE WATER SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L 28,29)
AN38H	393GH	09/15/82	COMP.SOIL SMPL FROM IRRIGAT.AREA COLLECTED BY SYNTEX, AN3813-15,17,38 (IA 1-24,33-48)
AN38I	393GI	09/15/82	COMPOSITE SOIL SAMPLE FROM BURN AREA COLLECTED BY SYNTEX, AN3831-34 (B 1-8)
AN38J	393GJ	09/15/82	COMPOSITE WATER SAMPLE FROM LAGOON COLLECTED BY SYNTEX, AN3822,25,37 (L 8,13,26)
AN38K	393GK	09/15/82	COMP.SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX, AN3818,21,23,24,26,44 (L 1-4,7-14)
AN38L	393GL	09/15/82	COMPOSITE SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX, AN3827-30,40 (L 15-24)
AN38M	393GM	09/15/82	COMPOSITE SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX, AN3836,39,41 (L 25-30)
AT4501	393G0030	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (150)
AT4504	393G	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (153)
AT4508	393G0024	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX (157)
AT4509	393G	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX (158)
AT4516	393G0017	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX (166)
AT4518	393G0015	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX (164)
AT4521	393G0065	09/15/82	WATER SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (150)
AT4522	393G0031	09/15/82	WATER SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (151)
AT4523	393G0032	09/15/82	WATER SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (152)
AT4524	393G0033	09/15/82	WATER SAMPLE COLLECTED BY SYNTEX (153)
AT4525	393G	09/15/82	DISCRETE WATER SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (154)
AT4526	393G0034	09/15/82	WATER SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX (155)
AT4527	393G0035	09/15/82	WATER SAMPLE FROM PERIMETER COLLECTED BY SYNTEX (206)
AT4528	393G0036	09/15/82	WATER SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX (157)
AT4529	393G0037	09/15/82	WATER SAMPLE COLLECTED BY SYNTEX (158)
AT4530	393G0039	09/15/82	WATER SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX (166)
AT4531	393G0040	09/15/82	WATER SAMPLE COLLECTED BY SYNTEX (NO NUMBER)
AT4541	393G0010	09/15/82	DISCRETE SOIL SAMPLE FROM PERIMETER COLLECTED BY SYNTEX (147)
AT4542	393G0011	09/15/82	DISCRETE SOIL SAMPLE FROM PERIMETER COLLECTED BY SYNTEX (148)
AT4546	393G0038	09/15/82	WATER SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX (165)
AT45A	393GA	09/15/82	COMPOSITE SOIL SAMPLE FROM PERIMETER COLLECTED BY SYNTEX, AT4532-38 (199-205)
AT45B	393GB	09/15/82	COMP.SOIL SAMLE FROM PERIMETER COLLECTED BY SYNTEX, AT4539-43 (206,207,147-149)
AT45C	393GC	09/15/82	COMPOSITE SOIL SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX, AT4517-20 (162-165)
AT45D	393GD	09/15/82	COMPOSITE SOIL SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX, AT4513-16 (166-169)
AT45E	393GE	09/15/82	COMPOSITE SOIL SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX, AT4505-8(154-157)
AT45F	393GF	09/15/82	COMPOSITE SOIL SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX, AT4510-12 (159-161)
AT45G	393GG	09/15/82	COMPOSITE SOIL SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX, AT4501-3 (150-152)

42 RECORD(S) LISTED

MBE	SASCONTN	SAMPLEDA	DESCRIPTION
6	393G	09/15/82	DISCRETE SOIL SAMPLE FROM IRRIGATION AREA COLLECTED BY SYNTEX (IA 25-32)
9	393G	09/15/82	DISCRETE WATER SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L-6)
0	393G	09/15/82	DISCRETE SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L-5,L-6)
1	393G0069	09/15/82	DISCRETE SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L 7,8)
2	393G	09/15/82	DISCRETE WATER SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L-8)
3	393G0045	09/15/82	DISCRETE SOIL SAMPLE FROM BURN AREA COLLECTED BY SYNTEX (B 5, B 6)
5	393G0050	09/15/82	DISCRETE WATER SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L 28)
1	393G0063	09/15/82	DISCRETE SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L 29,30)
2	393G0051	09/15/82	DISCRETE WATER SAMPLE FROM LAGOON COLLECTED BY SYNTEX (L 28,29)
	393GH	09/15/82	COMP.SOIL SMPL FROM IRRIGAT.AREA COLLECTED BY SYNTEX, AN3813-15,17,38 (IA 1-24,33-48)
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	393GK	09/15/82	COMP.SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX, AN3818,21,23,24,26,44 (L 1-4,7-14)
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	393GM	09/15/82	COMPOSITE SOIL SAMPLE FROM LAGOON COLLECTED BY SYNTEX, AN3836,39,41 (L 25-30)
1	393G0030	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (150)
4	393G	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (153)
3	393G0024	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX (157)
9	3G	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX (158)
	3G0017	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX (166)
8	393G0015	09/15/82	DISCRETE SOIL SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX (164)
1	393G0065	09/15/82	WATER SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (150)
	393G0031	09/15/82	WATER SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (151)
	393G0032	09/15/82	WATER SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (152)
4	393G0033	09/15/82	WATER SAMPLE COLLECTED BY SYNTEX (153)
5	393G	09/15/82	DISCRETE WATER SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX (154)
5	393G0034	09/15/82	WATER SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX (155)
7	393G0035	09/15/82	WATER SAMPLE FROM PERIMETER COLLECTED BY SYNTEX (206)
8	393G0036	09/15/82	WATER SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX (157)
	393G0037	09/15/82	WATER SAMPLE COLLECTED BY SYNTEX (158)
	393G0039	09/15/82	WATER SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX (166)
	393G0040	09/15/82	WATER SAMPLE COLLECTED BY SYNTEX (NO NUMBER)
	393G0010	09/15/82	DISCRETE SOIL SAMPLE FROM PERIMETER COLLECTED BY SYNTEX (147)
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	393G0038	09/15/82	WATER SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX (165)
	393GA	09/15/82	COMPOSITE SOIL SAMPLE FROM PERIMETER COLLECTED BY SYNTEX, AT4532-38 (199-205)
	393GB	09/15/82	COMP.SOIL SAMLE FROM PERIMETER COLLECTED BY SYNTEX, AT4539-43 (206,207,147-149)
	393GC	09/15/82	COMPOSITE SOIL SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX, AT4517-20 (162-165)
	393GD	09/15/82	COMPOSITE SOIL SAMPLE FROM TRENCH #3 COLLECTED BY SYNTEX, AT4513-16 (166-169)
	393GE	09/15/82	COMPOSITE SOIL SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX, AT4505-8(154-157)
	393GF	09/15/82	COMPOSITE SOIL SAMPLE FROM TRENCH #4 COLLECTED BY SYNTEX, AT4510-12 (159-161)
	393GG	09/15/82	COMPOSITE SOIL SAMPLE FROM TRENCH #5 COLLECTED BY SYNTEX, AT4501-3 (150-152)

42 RECORD(S) LISTED

ENVIRONMENTAL PROTECTION AGENCY-CLP Sample Management Office AN3°21
Box 818, Alexandria, VA 22313 703/557-2490

Sample Number
3936-69
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 27707

Case Number 393-SAS 393G
QC Report No. 123-96, 125-80, 127-99

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

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate ZX ~~400U~~	AMF
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate 400U ZX ~~400U~~	AMF
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate 400U ZX ~~400U~~	AMF
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene	800U
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

A. 3821

ORGANICS ANALYSIS DATA SHEET - Page 3

Sample Number
393G-69
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27707

Case Number 393-SAS #393G
QC Report No. 12396, 125-80, 127-99

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

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~~

~~(120B) 1746-01-6~~	~~2,3,7,8-tetrachlorodibenzo-p-dioxin~~	~~0.080U~~

AN3821

NICS ANALYSIS DATA SHEET - Page 2

Sample Number 393G-69 ~~27707~~ (DM)

LOW LEVEL SOLID

Laboratory Name Mead CompuChem

Lab Sample ID No. 27707

Case Number 393-SAS- 393G

QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☑ or 10 ☐ or ☐ _____
(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	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	7.1U ~~2.5U~~ (DM) CMP
(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
(50V)	75-71-8	dichlorodifluoromethane	NA
(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

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AN3821

LAB SAMPLE I.D. # 027707

SAMPLE # 3936-69

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: VOA

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/KG) OR (UG/L) (EV)
1	478	- -	SEARCH RESULTS < 80% PURITY	--.--	10.

1.000

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET AN3821 PAGE 4

LAB SAMPLE I.D. # 027707 SAMPLE # 393669

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC6

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G)~~ ~~OR~~ ~~(UG/L)~~ (EU)
1	370	- -	SEARCH RESULTS < 80% PURITY	--.--	380.
2	468	544-25-2	1,3,5-CYCLOHEPTATRIENE	96.3	570.
3	677	- -	SEARCH RESULTS < 80% PURITY	--.--	340.
64	1709	- -	SEARCH RESULTS < 80% PURITY	--.--	190.
75	1722	57-10-3	HEXADECANOICACID	84.4	590.
86	2430	- -	SEARCH RESULTS < 80% PURITY	--.--	810.
87	2543	- -	SEARCH RESULTS < 80% PURITY	--.--	710.

39.999

ug/kg

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

AN3033

Sample Number
3936-45
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 27706

Case Number 393-SAS#393-6
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.41
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	111-91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	[illegible]
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene	800U
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

'3833

Sample Number
393G-45
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 27706

Case Number SAS - 393 - G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1141
(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	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 32	~~2.5U~~ DM
(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~~ DM 2.5U GMP
(50V)	75-71-8	dichlorodifluoromethane	NA
(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

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AN3833 PAGE 4

LAB SAMPLE I.D. # 027706

SAMPLE # _____

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: VOA

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) (EU)
1	532	- -	SEARCH RESULTS < 80% PURITY	--.--	10.

1.000

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AN3833

LAB SAMPLE I.D. # 027706

SAMPLE # 323645

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: ABN

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) ~~OR (UG/L)~~ (EV)
1	2536	- -	SEARCH RESULTS < 80% PURITY	--.--	1400.

39.999

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AN3833 PAGE 4

LAB SAMPLE I.D. # 027706

SAMPLE # 3936-45

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC6

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/KG) ~~OR (UG/L)~~ (EV)
~~B~~2	1274	88-99-3	1,2-BENZENEDICARBOXYLICACID	93.9	860.
3	2556	- -	SEARCH RESULTS < 80% PURITY	--.--	27000.
B4	2742	- -	SEARCH RESULTS < 80% PURITY	--.--	1900.

39.999

U.S. ENVIRONMENTAL PROTECTION AGENCY-CLP Sample Management Office AT4-F A
P.O. Box 818, Alexandria, VA 22313 · 557-2490

Sample Number
3936-A
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 27682

Case Number SAS #3936-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.24
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	400U
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene	800U
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

HT45A

Sample Number
3936-A
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 27682

Case Number SAS 3936
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.24
(Check Box for Appropriate Factor)

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~~	~~0.080U~~

WICS ANALYSIS DATA SHEET - Page 2 AT45 A

Sample Number 3936-A
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27682

Case Number 393-SAS#3936
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.24
(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	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	6.3U ~~[illegible]~~ WNF CMP
(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
(50V)	75-71-8	dichlorodifluoromethane	NA
(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

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AT45A PAGE 4

LAB SAMPLE I.D. # 027682

SAMPLE # 323GA

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: ABN

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/KG) ~~OR (UG/L)~~ (EV)
1	1419	1002-69-3	DECANE,1-CHLORO-	82.7	330.

39.999

U.S. ENVIRONMENTAL PROTECTION AGENCY
P.O. Box 818, Alexandria, VA 22313

Sample Management Office
/557-2490

AT4 C

Sample Number
393G-C
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 27684

Case Number 393-SAS # 393G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☒ 1.91
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	400U
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene	800U
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

AT45 C

Sample Number
3936-C

LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem

Lab Sample ID No. 27684

Case Number 393-SAS#393-C

QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 191
(Check Box for Appropriate Factor)

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)	72-20-8	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. 158	~~4.0U~~ PE
(107P)	11097-69-7	PCB-1254 P.N. 125	~~4.0U~~ PE
(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~~
~~(129D) 1746-01-6~~	~~2,3,7,8-tetrachlorodibenzo-p-dioxin~~	~~0.080U~~

ORGANICS ANALYSIS DATA SHEET - Page 2 H, 45C

Sample Number 393G-C
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27684

Case Number 393 - SAS# 3936
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.91
(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	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 3B	~~2.5U~~ UF
(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~~	~~2.5U~~ UF 2.5U UP
(50V)	75-71-8	dichlorodifluoromethane	NA
(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

AT45C

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

LAB SAMPLE I.D. # 027684

SAMPLE # 3436-C

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: LOWS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU)
1	216	60-29-7	ETHANE,1,1'-OXYBIS-	94.9	2.5 µg/kg

1.000

ORGANICS ANALYSIS DATA SHEET - Page 4

AT45C

LAB NAME: _____

LAB SAMPLE I.D. # 27684

SAMPLE # 3936-C

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	FRACTION	% PURITY	ESTIMATE CONC. (ug/kg)
1	631		Search Results <80% Purity	FSCC		410
2	846	13950-21-[illegible]	2H-Pyr[illegible]l-2-one 1,[illegible]-Dihydro-1-methyl	FSCC	84	400
3				FSCC		
4				FSCC		
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		

S. ENVIRONMENTAL PROTECTION AGENCY-CLP e Management Office
O. Box 818, Alexandria, VA 2231: - 703, -2490

AT45D

Sample Number
393G-D
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

boratory Name Mead CompuChem
b Sample ID No. 27685

Case Number 393-G-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.0X
(Check Box for Appropriate Factor)

ACID COMPOUNDS

#	CAS#		ug/kg
1A)	88-06-2	2,4,6-trichlorophenol 850	~~400U~~ KH
2A)	59-50-7	p-chloro-m-cresol	400U
4A)	95-57-8	2-chlorophenol	400U
1A)	122-83-2	2,4-dichlorophenol 6000	~~4000~~ KH
4A)	105-67-9	2,4-dimethylphenol	400U
7A)	88-75-5	2-nitrophenol	800U
8A)	100-02-7	4-nitrophenol	4000U
9A)	51-88-5	2,4-dinitrophenol	2000U
0A)	534-52-1	4,6-dinitro-2-methylphenol	800U
4A)	87-36-5	pentachlorophenol	800U
5A)	108-95-2	phenol 720	~~400U~~ KH

Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid 11000	~~4000~~ KH
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol 1500	~~400~~ KH
	95-95-4	2,4,5-trichlorophenol 400U NT	~~4000~~ KH GKP

BASE-NEUTRAL COMPOUNDS

1B)	83-32-9	acenaphthene	400U
5B)	92-87-5	benzidine	1600U
6B)	120-82-1	1,2,4-trichlorobenzene 400U NT	~~400~~ KH GKP
9B)	118-74-1	hexachlorobenzene	400U
2B)	67-72-1	hexachloroethane	400U
8B)	111-44-4	bis(2-chloroethyl)ether	400U
0B)	91-58-7	2-chloronaphthalene	400U
5B)	95-50-1	1,2-dichlorobenzene	400U
6B)	541-73-1	1,3-dichlorobenzene	400U
7B)	106-46-7	1,4-dichlorobenzene 480	~~400~~ KH
8B)	91-94-1	3,3'-dichlorobenzidine	800U
5B)	121-14-2	2,4-dinitrotoluene	800U
6B)	606-20-2	2,6-dinitrotoluene	800U
7B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
9B)	206-44-0	fluoranthene	400U
0B)	7005-72-3	4-chlorophenyl phenylether	400U
1B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene 4000	~~400~~ KH
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate ☐	~~400~~ KH 400U GKP
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-03-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene 520	~~400~~ KH
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene 400U NT	~~400~~ KH GKP
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene 5200	~~800~~ KH
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

AT45 D

Sample Number
393G-D

LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem

Lab Sample ID No. 27685

Case Number 393-G - SAS# 393-G

QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☒ 1.01
(Check Box for Appropriate Factor)

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~~	~~0.0000~~

A1 45 D

ORGANICS ANALYSIS DATA SHEET - Page 2

Sample Number
3936-D

LOW LEVEL SOLID

Laboratory Name Mead CompuChem

Lab Sample ID No. 27685

Case Number 393-SAS# 393-G

QC Report No.

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☒ 1.01

(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	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene	3.2 ~~2.5U~~ AE
(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~~ AE 2.5U GMP
(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	49 ~~2.5U~~ AE
(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~~ AE 2.5U GMP
(50V)	75-71-8	dichlorodifluoromethane	NA
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene	2.5U ~~2.5U~~ AE GMP
(87V)	79-01-6	trichloroethene	2.5U ~~2.5U~~ AE GMP
(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

LAB SAMPLE I.D. # 027685 SAMPLE # 393G-D

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: GH027685A12

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EU) µg/kg
1	250	75-65-0	2-PROPANOL,2-METHYL-	94.5	9.1
2	399	1759-58-6	CYCLOPENTANE,1,3-DIMETHYL-,TRANS-	88.2	4.8
3	419	108-87-2	CYCLOHEXANE,METHYL-	92.2	57.
4	458	26952-21-6	ISOOCTANOL	82.4	12.
5	560	13466-78-9	BICYCLO[4.1.0]HEPT-3-ENE,3,7,7-TRIMETHYL-	82.8	15.

1.000

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AT 45D

LAB SAMPLE I.D. # 027685

SAMPLE # 393G-D

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: ABN

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) ~~OR (UG/L)~~ (EV)
	534	- -	SEARCH RESULTS < 80% PURITY	--.--	1300.
2	628	- -	SEARCH RESULTS < 80% PURITY	--.--	730.
3	753	142-62-1	HEXANOICACID	84.9	1000.
4	780	- -	SEARCH RESULTS < 80% PURITY	--.--	1500.
5	1146	629-59-4	TETRADECANE	80.3	430.
6	1170	575-37-1	NAPHTHALENE,1,7-DIMETHYL-	84.9	380.
7	1185	569-41-5	NAPHTHALENE,1,8-DIMETHYL-	89.2	830.
8	1240	629-62-9	PENTADECANE	80.8	620.
9	1266	- -	SEARCH RESULTS < 80% PURITY	--.--	5000.
10	1328	544-76-3	HEXADECANE	81.2	910.
	1411	- -	SEARCH RESULTS < 80% PURITY	--.--	1300.

39.999

ORGANICS ANALYSIS DATA SHEET - Page 4

AT45D

LAB NAME: Mead CompuChem

LAB SAMPLE I.D. # 27685

SAMPLE # 393G-D

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	FRACTION	% PURITY	ESTIMATE CONC. (ug/g)
12	1491	593-45-3	Octadecane	FSCC	81	10000
13	1638	112-95-8	Eicosane	FSCC	84	7600
14	1706	629-94-7	Heneicosane	FSCC	81	3400
15	2622		Severe Results <80% Purity	FSCC		5000
16	2228		"	FSCC		10000
17	2161		"	FSCC		6600
18	1834		"	FSCC		2500
19	1744		"	FSCC		11000
20	1566		"	FSCC		13000
				FSCC		
				FSCC		
				FSCC		
				FSCC		
				FSCC		
				FSCC		
				FSCC		
				FSCC		
				FSCC		
				FSCC		
				FSCC		

RONMENTAL PROTECTION AGENCY-CI ple Management Office
R13, Alexandria, VA 22313 - 1 7-2490

AT 45

Sample Number
393G-E
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

aboratory Name Mead CompuChem
ab Sample ID No. 27692

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 5.41
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
21A)	88-06-2	2,4,6-trichlorophenol	400U
22A)	59-50-7	p-chloro-m-cresol	400U
24A)	95-57-8	2-chlorophenol	400U
31A)	122-83-2	2,4-dichlorophenol	400U
34A)	105-67-9	2,4-dimethylphenol	400U
37A)	88-75-5	2-nitrophenol	800U
38A)	100-02-7	4-nitrophenol	4000U
39A)	51-88-5	2,4-dinitrophenol	2000U
50A)	534-52-1	4,6-dinitro-2-methylphenol	800U
54A)	87-36-5	pentachlorophenol	800U
55A)	108-95-2	phenol 400U ~~4000~~ KH	

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol 600 ~~4000~~ KH	
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
1B)	83-32-9	acenaphthene 600 ~~4000~~ KH	
5B)	92-87-5	benzidine	1600U
8B)	120-82-1	1,2,4-trichlorobenzene	400U
9B)	118-74-1	hexachlorobenzene	400U
12B)	67-72-1	hexachloroethane	400U
18B)	111-44-4	bis(2-chloroethyl)ether	400U
20B)	91-58-7	2-chloronaphthalene	400U
25B)	95-50-1	1,2-dichlorobenzene	400U
26B)	541-73-1	1,3-dichlorobenzene	400U
27B)	106-46-7	1,4-dichlorobenzene 560 ~~4000~~ KH	
28B)	91-94-1	3,3'-dichlorobenzidine	800U
[illegible]	[illegible]	2,4-dinitrotoluene	800U
36B)	606-20-2	2,6-dinitrotoluene	800U
37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
39B)	206-44-0	fluoranthene	400U
40B)	7005-72-3	4-chlorophenyl phenylether	400U
41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	111-91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene Q 40000 ~~400~~ KH	
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate 400 ~~400~~ KH	
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	218-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	191-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene 2200 ~~400~~ KH	
(81B)	85-01-8	phenanthrene Q 12000 ~~400~~ KH	
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene Q 110000 ~~800~~ KH	
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

A, 15E

Sample Number
393G-E
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 27692

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 5.41
(Check Box for Appropriate Factor)

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~~	~~0.080U~~

A1 15E

Sample Number
393G-E
MEDIUM LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 2

Laboratory Name Mead CompuChem
Lab Sample ID No. 276992

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 5.41
(Check Box for Appropriate Factor)

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 10.1	5U KH
(44V)	75-09-2	methylene chloride 9.3	5U KH
(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
(50V)	75-71-8	dichlorodifluoromethane	NA
(51V)	124-48-1	chlorodibromomethane	5U
(85V)	127-18-4	tetrachloroethene	5U
(86V)	108-88-3	toluene 52C	5U KH
(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 37	5U KH

TICAD COMPOUND ORGANICS ANALYSIS DATA SHEET

AT45E

LAB SAMPLE I.D. # 027692

SAMPLE # 393G-E

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: VOA

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) ~~OR (UG/L)~~ (EU)
1	661	108-38-3	BENZENE,1,3-DIMETHYL-	88.6	11.
2	247	78-94-4	3-Buten-2-one	86	23

1.000

ORGANICS ANALYSIS DATA SHEET - Page 4

AT45E

LAB NAME: Mead Compuchem

SAMPLE # 393G-E

LAB SAMPLE I.D. # 27-692

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	FRACTION	% PURITY	ESTIMATE CONC.(ug/g) ug/kg
1	716	95-63-6	1,2,4-TRIMETHYLBENZENE	FSCC	87.	17000. ug/kg
2	832	1758-88-9	2-ETHYL-1,4-DIMETHYLBENZENE	FSCC	80.	41000.
3	1053	-	SEARCH RESULTS < 80% PURITY	FSCC	-	85000.
4	1168	-	" "	FSCC	-	110000.
5	1196	-	" "	FSCC	-	40000.
6	1211	-	" "	FSCC	-	150000.
7	1224	-	" "	FSCC	-	100000.
8	1262	-	" "	FSCC	-	100000.
9	1285	-	" "	FSCC	-	160000.
10	1342	-	" "	FSCC	-	130000.
11	1387	-	" "	FSCC	-	100000.
12	1432	-	" "	FSCC	-	160000.
13	1466	-	" "	FSCC	-	110000.
14	1509	-	" "	FSCC	-	130000.
15	1543	-	" "	FSCC	-	140000.
16	1621	-	" "	FSCC	-	52000.
17	1650	112-95-8	EICOSANE "	FSCC	88.	58000.
18	1842	-	SEARCH RESULTS < 80% PURITY	FSCC	-	1800.
19	1903	-	" "	FSCC	-	4000.
20	2244	-	" "	FSCC	-	15000.

IRONMENTAL PROTECTION AGENCY-CLP Sample Management Office
818, Alexandria, VA 22313 - 557-2490

AT45 -

Sample Number
393G-F
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 276093

Case Number 393-SAS-393-G
QC Report No. 123-46, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.39
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	400U
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene	800U
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

ORGANICS ANALYSIS DATA SHEET - Page 3

A545F

Sample Number
3936-F

LOW LEVEL SOLID

Laboratory Name Mead CompuChem

Lab Sample ID No. 27693

Case Number 393-SAS# 393-G

QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.39
(Check Box for Appropriate Factor)

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~~	~~0.680U~~

ORGANICS ANALYSIS DATA SHEET - Page 2 AT 5F

Sample Number
3936-F
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27693

Case Number 393-5A,S # 393-6
QC Report No. 123-96, 125-80, 127-94

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.39
(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	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	1.7 ~~2.5U~~ AE
(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~~ AE SS 2.5U GMP
(50V)	75-71-8	dichlorodifluoromethane	NA
(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

ORGANICS ANALYSIS DATA SHEET - Page 4

AT45F

LAB NAME: Mead CompuChem

LAB SAMPLE I.D. # 27693

SAMPLE # 393G-F

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	FRACTION	% PURITY	ESTIMATE CONC. (ug/kg)
1	457	108-87-2	Cyclohexane, Methyl	FSCC	94	930
2	703	123-42-2	~~2 pentanone, 4 hydroxy 4 methyl~~ SO CHP	FSCC	92	320
3	1503	563-16-6	HEXANE, 3, 3 - Dimethyl	FSCC	90	3100
4	1529	575-37-1	NAPHTHALENE, 1,7 Dimethyl	FSCC	91	220
5	1595	—	SEARCH Results <80%	FSCC	—	4700
6	1607	—	"	FSCC	—	3000
7	1615	1120-21-4	UNDECANE	FSCC	85	560
8	1641	—	SEARCH Results <80%	FSCC	—	1200
9	1654	—	"	FSCC	—	390
10	1700	—	"	FSCC	—	1700
11	1721	544-76-3	HEXADECANE	FSCC	88	980
12	1770	—	SEARCH Results <80%	FSCC	—	481
13	1903	—	"	FSCC	—	1500
14	1916	7045-71-8	UNDECANE, 2-methyl	FSCC	87	700
15	2062	—	SEARCH Results <80%	FSCC	—	1000
16	2632	—	"	FSCC	—	3300
17	2706	—	"	FSCC	—	4000
18	3045	—	"	FSCC	—	2100
19	1548	571-61-9	Naphthalene, 1,5 DIMETHYL	FSCC	83	390
20	991	—	SEARCH Results < 80% Purity	FSCC	—	620

AT45G

Sample Number
3936

LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name: Mead CompuChem

Lab Sample ID No. 27694

Case Number: 393 - SAS# 393-G

QC Report No. 123-96, 125-80, 127-49

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 2.3
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(1A)	88-06-2	2,4,6-trichlorophenol	400U
(2A)	59-50-7	p-chloro-m-cresol	400U
(4A)	95-57-8	2-chlorophenol	400U
(1A)	122-83-2	2,4-dichlorophenol	400U
(4A)	105-67-9	2,4-dimethylphenol	400U
(7A)	88-75-5	2-nitrophenol	800U
(8A)	100-02-7	4-nitrophenol	4000U
(9A)	51-88-5	2,4-dinitrophenol	2000U
(0A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(4A)	87-36-5	pentachlorophenol	800U
(5A)	108-95-2	phenol 400U ~~4000~~ AE CHP	

Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol 2800 ~~400U~~ AE	
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(2B)	67-72-1	hexachloroethane	400U
(8B)	111-44-4	bis(2-chloroethyl)ether	400U
(0B)	91-58-7	2-chloronaphthalene	400U
(5B)	95-50-1	1,2-dichlorobenzene	400U
(6B)	541-73-1	1,3-dichlorobenzene	400U
(7B)	106-46-7	1,4-dichlorobenzene	400U
(8B)	91-94-1	3,3'-dichlorobenzidine	800U
(5B)	121-14-2	2,4-dinitrotoluene	800U
(6B)	606-20-2	2,6-dinitrotoluene	800U
(7B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(9B)	206-44-0	fluoranthene	400U
(0B)	7005-72-3	4-chlorophenyl phenylether	400U
(1B)	101-55-3	4-bromophenyl phenyl ether	400U

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene 22000 ~~400U~~ AE	
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate ~~400U~~ AE 400U CHP	
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene 12000 ~~400U~~ AE	
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene 2800 ~~400U~~ AE	
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene 51000 ~~800U~~ AE	
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

A- '5G

ORGANICS ANALYSIS DATA SHEET - Page 3

Sample Number
393-6
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27694

Case Number 393- SAS# 393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 2.3
(Check Box for Appropriate Factor)

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~~	~~0.080U~~

C ,CS ANALYSIS DATA SHEET - Page 2 A 45G

Sample Number
393G-G

LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27694

Case Number 393-SAS#393-G
QC Report No. 123-96, 125-50, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 2.3
(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	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	41 ~~2.5U~~ AE
(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	3.7 ~~2.5U~~ AE
(50V)	75-71-8	dichlorodifluoromethane	NA
(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

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET AT 45G

LAB SAMPLE I.D. # 027694 SAMPLE # 393-6-6

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	365	110-54-3	HEXANE	95.8	2.3 µg/kg
	529	- -	SEARCH RESULTS < 80% PURITY	--.--	3.2
3	561	- -	SEARCH RESULTS < 80% PURITY	--.--	4.8
~~4~~	~~604~~	~~- -~~	~~SEARCH RESULTS < 80% PURITY~~	~~.~~	~~13.~~

1.000

ORGANICS ANALYSIS DATA SHEET - Page 4

AT45G

LAB NAME: MEAD

SAMPLE # 393-G

LAB SAMPLE I.D. # 27694

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	FRACTION	% PURITY	ESTIMATE CONC.(ug/g)
1	970	95-63-6	BENZENE, 1,2,4 TRIMETHYL	FSCC	87	90000
2	1207	—	SEARCH Results < 80%	FSCC	—	290000
3	1242	—	"	FSCC	—	5600
4	1342	—	"	FSCC	—	9600
5	1358	—	"	FSCC	—	12000
6	1395	629-50-5	TRIDECANE	FSCC	91	32000
7	1408	91-57-6	~~NAPHTHALENE, 2-methyl~~	FSCC	88	150000
8	1428	—	SEARCH Results < 80%	FSCC	—	18000
9	1516	1120-21-4	UNDECANE	FSCC	88	330000
10	1560	569-41-5	NAPHTHALENE, 1,8 Dimethyl	FSCC	88	380000
11	1581	"	"	FSCC	81	310000
12	1629	544-76-3	HEXADECANE	FSCC	96	430000
13	1651	—	SEARCH Results < 80%	FSCC	—	28600
14	1732	544-76-3	HEXADECANE	FSCC	89	330000
15	1778	—	SEARCH Results < 80%	FSCC	—	240000
16	1833	544-76-3	HEXADECANE	FSCC	86	420000
17	1925	593-45-3	OCTADECANE	FSCC	87	390000
18	2015	112-95-8	EICOSANE	FSCC	88	360000
19	2046	—	SEARCH Results < 80%	FSCC	—	11000
20	2078	—	"	FSCC	—	40000

IRONMENTAL PROTECTION AGENCY-CLP Sample Management Office
818, Alexandria, VA 22313 - 57-2490

AN38[redacted]

Sample Number
393G-H
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 271695

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.39
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

1B)	83-32-9	acenaphthene	400U
5B)	92-87-5	benzidine	1600U
8B)	120-82-1	1,2,4-trichlorobenzene	400U
9B)	118-74-1	hexachlorobenzene	400U
12B)	67-72-1	hexachloroethane	400U
18B)	111-44-4	bis(2-chloroethyl)ether	400U
20B)	91-58-7	2-chloronaphthalene	400U
25B)	95-50-1	1,2-dichlorobenzene	400U
26B)	541-73-1	1,3-dichlorobenzene	400U
27B)	106-46-7	1,4-dichlorobenzene	400U
28B)	91-94-1	3,3'-dichlorobenzidine	800U
35B)	121-14-2	2,4-dinitrotoluene	800U
36B)	606-20-2	2,6-dinitrotoluene	800U
37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
39B)	206-44-0	fluoranthene	400U
40B)	7005-72-3	4-chlorophenyl phenylether	400U
41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene 1000	~~4000~~ KA
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	400U
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-03-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene 5100	~~400U~~ KA
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

62-53-3	aniline	400U
100-51-6	benzyl alcohol	800U
106-47-8	4-chloroaniline	2000U
132-64-9	dibenzofuran	400U
91-57-6	2-methylnaphthalene 2700	~~800U~~ KA
88-74-4	2-nitroaniline	4000U
99-09-2	3-nitroaniline	4000U
100-01-6	4-nitroaniline	4000U

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ORGANICS ANALYSIS DATA SHEET - Page 3

Sample Number
3936-H
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27695

Case Number 393-SAS#393-6
QC Report No. 12396, 12580, 12799

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☒ 1.39
(Check Box for Appropriate Factor)

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	0.080U

CS ANALYSIS DATA SHEET - Page 2 AI 38 H

Sample Number
393G-H

LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27695

Case Number 393-SAS#393-G
QC Report No. 123-96,125-80,127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.39
(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	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 18	~~2.5U~~ AE
(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
(50V)	75-71-8	dichlorodifluoromethane	NA
(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

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AN38H PAGE 4

3 SAMPLE I.D. # 027695

SAMPLE # 393G-H

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC6

EM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) ~~OR (UG/L)~~ (EV)
	203	- -	SEARCH RESULTS < 80% PURITY	--.--	580.
	259	112-40-3	DODECANE	89.0	520.
	1386	629-50-5	TRIDECANE	89.8	1200.
	1420	91-57-6	~~NAPHTHALENE,2-METHYL-~~	87.4	1200.
	1505	629-59-4	TETRADECANE	89.9	1600.
	1530	569-41-5	NAPHTHALENE,1,8-DIMETHYL-	89.3	1400.
	1548	569-41-5	NAPHTHALENE,1,8-DIMETHYL-	88.8	2000.
	1572	569-41-5	NAPHTHALENE,1,8-DIMETHYL-	87.3	700.
	1617	629-62-9	PENTADECANE	86.9	2000.
	1642	- -	SEARCH RESULTS < 80% PURITY	--.--	990.
	1667	- -	SEARCH RESULTS < 80% PURITY	--.--	1100.
	30	829-26-5	NAPHTHALENE,2,3,6-TRIMETHYL-	85.9	1200.
	1722	544-76-3	HEXADECANE	90.0	2100.
	1772	- -	SEARCH RESULTS < 80% PURITY	--.--	1200.
	1822	629-78-7	HEPTADECANE	87.4	2100.
	1882	- -	SEARCH RESULTS < 80% PURITY	--.--	900.
	1917	593-45-3	OCTADECANE	87.7	1600.
	2008	112-95-8	Eicosane	85	1500
	939				
			Search Results <80% Purity		2600
		14-62-9	Pentadecane	83	670

x 818, Alexandria, VA 22313 - 703/557-2490

AN3ST

Sample Number
393G-I
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 276916

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

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

ACID COMPOUNDS

PP#	CAS#		ug/kg
21A)	88-06-2	2,4,6-trichlorophenol	400U
22A)	59-50-7	p-chloro-m-cresol	400U
24A)	95-57-8	2-chlorophenol	400U
31A)	122-83-2	2,4-dichlorophenol	400U
34A)	105-67-9	2,4-dimethylphenol	400U
57A)	88-75-5	2-nitrophenol	800U
58A)	100-02-7	4-nitrophenol	4000U
59A)	51-88-5	2,4-dinitrophenol	2000U
60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
64A)	87-36-5	pentachlorophenol	800U
65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

1B)	83-32-9	acenaphthene	400U
5B)	92-87-5	benzidine	1600U
8B)	120-82-1	1,2,4-trichlorobenzene	400U
9B)	118-74-1	hexachlorobenzene	400U
12B)	67-72-1	hexachloroethane	400U
18B)	111-44-4	bis(2-chloroethyl)ether	400U
20B)	91-58-7	2-chloronaphthalene	400U
25B)	95-50-1	1,2-dichlorobenzene	400U
26B)	541-73-1	1,3-dichlorobenzene	400U
27B)	106-46-7	1,4-dichlorobenzene	400U
28B)	91-94-1	3,3'-dichlorobenzidine	800U
35B)	121-14-2	2,4-dinitrotoluene	800U
36B)	606-20-2	2,6-dinitrotoluene	800U
37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
39B)	206-44-0	fluoranthene	400U
40B)	7005-72-3	4-chlorophenyl phenylether	400U
41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	400U
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-03-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene	800U
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

Q ICS ANALYSIS DATA SHEET - Page 3

P 38 I

Sample Number
3936-I

LOW LEVEL SOLID

Laboratory Name Mead CompuChem

Lab Sample ID No. 27696

Case Number 393 - SAS# 393-6

QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.37

(Check Box for Appropriate Factor)

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~~	~~0.080U~~

Laboratory Name Mead CompuChem
Lab Sample ID No. 27696

Case Number 393-SAS # 393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.37
(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	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	(80) ~~2.5U~~ AE
(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	~~[illegible]~~ ~~2.5U~~ AE 2.5U GHD
(50V)	75-71-8	dichlorodifluoromethane	NA
(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

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET AN38 I

LAB SAMPLE I.D. # 027696 SAMPLE # 3936-I

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: VOAS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. ~~(UG/G) OR (UG/L)~~ (EV)
~~1~~	~~210~~	~~60-29-7~~	~~ETHANE,1,1'-OXYBIS~~	~~94.0~~	~~1.9~~ mg/kg
~~2~~	~~366~~	~~110-54-3~~	~~HEXANE~~	~~92.1~~	~~2.2~~
~~3~~ 1	518	- -	SEARCH RESULTS < 80% PURITY	--.--	13.
~~4~~	~~602~~	~~541-05-9~~	~~CYCLOTRISILOXANE,HEXAMETHYL~~	~~89.6~~	~~25.~~

1.000

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET AN38I PAGE 4

LAB SAMPLE I.D. # 027696 SAMPLE # 3930-I

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC6

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) ~~OR (UG/L)~~ (EV)
1	855	- -	SEARCH RESULTS < 80% PURITY	--.--	190.
~~2~~	~~1564~~	~~- -~~	~~SEARCH RESULTS < 80% PURITY~~	~~--.--~~	~~150.~~
3	2551	- -	SEARCH RESULTS < 80% PURITY	--.--	190.
~~4~~	~~2795~~		~~SEARCH RESULTS < 80% PURITY~~	~~--.--~~	~~330.~~

39.993

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

AN38K

Sample Number
393G-K
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 271697

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

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

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol 5200 ~~4000~~ KH	

BASE-NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate 1300 ~~4000~~ KH	
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene	800U
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

A N 8 K

ORGANICS ANALYSIS DATA SHEET - Page 3

Sample Number
393G-K
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27697

Case Number 393-SAS# 393-6
QC Report No. 123-96, 125-80, 127-99

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

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~~	~~0.080U~~

A1'38K

ICS ANALYSIS DATA SHEET - Page 2

Sample Number
393G-K

LOW LEVEL SOLID

Laboratory Name Mead CompuChem

Lab Sample ID No. 27697

Case Number 393 - SAS# 393-G

QC Report No. 123-96, 125-50, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.33
(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	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	18 ~~2.5U~~ AE
(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
(50V)	75-71-8	dichlorodifluoromethane	NA
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene 2.5U	~~2.5U~~ AE GMP
(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

ORGANICS ANALYSIS DATA SHEET - Page 4

AN38K

LAB NAME: MEAD COMPU/CHEM

LAB SAMPLE I.D. # 27697

EPA SAMPLE # C# 393-3936K

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	FRACTION	% PURITY	ESTIMATE CONC. (ug/g)
1	366	110-54-3	Hexane	VOA	97	6.5 EV
2				VOA		
3				VOA		
4				VOA		
5				VOA		
6				VOA		
7				VOA		
8				VOA		
9				VOA		
10				VOA		

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AN38K

LAB SAMPLE I.D. # 027697

SAMPLE # 393G-K

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC6

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/KG) ~~OR (UG/L)~~ (EV)
1	2131	- -	SEARCH RESULTS < 80% PURITY	--.--	810.
	2137	- -	SEARCH RESULTS < 80% PURITY	--.--	1300.
3	2234	- -	SEARCH RESULTS < 80% PURITY	--.--	280.
4	2542	- -	SEARCH RESULTS < 80% PURITY	--.--	320.
5	2559	- -	SEARCH RESULTS < 80% PURITY	--.--	7100.
6	2575	- -	SEARCH RESULTS < 80% PURITY	--.--	1400.
7	2592	- -	SEARCH RESULTS < 80% PURITY	--.--	550.
8	1724		" " " "		400

39.999

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

AN3 m

Sample Number
393G-m
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 27699

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-90, 127-99

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

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	111-91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	400U
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene	800U
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

A038M

ORGANICS ANALYSIS DATA SHEET - Page 3

Sample Number
393G-M

LOW LEVEL SOLID

Laboratory Name Mead CompuChem

Lab Sample ID No. 27699

Case Number 393- SAS# 393-6

QC Report No. 123-96, 125-80, 127-99

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

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~~	~~0.0000~~

ORGANICS ANALYSIS DATA SHEET - Page 2 A. 38 M

Sample Number
3936-M
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27699

Case Number 393-SAS# 393-G
QC Report No. 123-96, 125-80, 127-94

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.37
(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	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	170 ~~2.5U~~ BE
(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
(50V)	75-71-8	dichlorodifluoromethane	NA
(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

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AN38 M

LAB SAMPLE I.D. # 027699

SAMPLE # 393G-1M

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCCS

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/KG) ~~OR (UG/L)~~ (EV)
1	553	123-42-2	~~2-PENTANONE,4-HYDROXY-4-METHYL~~	84.9	350.
2	988	- -	SEARCH RESULTS < 80% PURITY	--.--	480.
~~3~~	~~1563~~		~~SEARCH RESULTS < 80% PURITY~~	~~.~~	~~110.~~

39.999

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

AT 4501

APR 3 1983

Sample Number 393G-30
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 27705

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 2.52
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene 2400	~~400U~~
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	~~400U~~
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene 440	~~400U~~
(81B)	85-01-8	phenanthrene 1100	~~400U~~
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran 440	~~400U~~
	91-57-6	2-methylnaphthalene 4000	~~800U~~
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

1 3 1983

AT 4501

Sample Number
393G-30

LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem

Lab Sample ID No. 27205

Case Number 393-545# 393-G

QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 2.52
(Check Box for Appropriate Factor)

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
~~(129D)~~	~~1746-01-6~~	~~2,3,7,8-tetrachlorodibenzo-p-dioxin~~	~~0.000U~~

APR 1 3 19[illegible]

OR[illegible]ICS ANALYSIS DATA SHEET - Page 2 A[illegible]45 01

Sample Number 393G-30
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27205

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 2.52
(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	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 18	~~2.5U~~ Dm
(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
(50V)	75-71-8	dichlorodifluoromethane	NA
(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	~~2.5U~~ Dm GMP

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AT4501

LAB SAMPLE I.D. # 027705

SAMPLE # 393G-30

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: ABN

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/KG) ~~OR (UG/L)~~	(EV)
1	840	1587-04-8	BENZENE,1-METHYL-2-(2-PROPENYL)-	80.3	~~300.~~	2300
2	847	7045-71-8	UNDECANE,2-METHYL-	80.9	~~140.~~	1100
3	855	- -	SEARCH RESULTS < 80% PURITY	--.--	~~160.~~	1200
4	888	- -	SEARCH RESULTS < 80% PURITY	--.--	~~240.~~	1900
5	963	- -	SEARCH RESULTS < 80% PURITY	--.--	~~420.~~	3300
6	1017	91-57-6	NAPHTHALENE,2-METHYL-	87.0	~~410.~~	3200
7	1098	- -	SEARCH RESULTS < 80% PURITY	--.--	~~84.~~	650
8	1109	582-16-1	NAPHTHALENE,2,7-DIMETHYL-	88.3	~~650.~~	5000
9	1123	569-41-5	NAPHTHALENE,1,8-DIMETHYL-	87.2	~~1000.~~	7800
10	1138	- -	SEARCH RESULTS < 80% PURITY	--.--	~~560.~~	4300
11	1147	- -	SEARCH RESULTS < 80% PURITY	--.--	~~1000.~~	7800
12	1225	2245-38-7	NAPHTHALENE,1,6,7-TRIMETHYL-	83.5	~~490.~~	3800
13	1239	- -	SEARCH RESULTS < 80% PURITY	--.--	~~640.~~	5000
14	1273	- -	SEARCH RESULTS < 80% PURITY	--.--	~~250.~~	1900
15	1309	- -	SEARCH RESULTS < 80% PURITY	--.--	~~1300.~~	10000
16	1356	- -	SEARCH RESULTS < 80% PURITY	--.--	~~1500.~~	12000
17	1386	- -	SEARCH RESULTS < 80% PURITY	--.--	~~400.~~	3100
18	1497	- -	SEARCH RESULTS < 80% PURITY	--.--	~~290.~~	2200
19	1625	- -	SEARCH RESULTS < 80% PURITY	--.--	~~50.~~	500
20	2113	- -	SEARCH RESULTS < 80% PURITY	--.--	~~120.~~	930

39:999

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AT 4501

LAB SAMPLE I.D. # 027705

SAMPLE # _____

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: VOA

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) OR ~~(UG/L)~~ (EV)
1	476	- -	SEARCH RESULTS < 80% PURITY	--.--	13.
[illegible]	503	- -	SEARCH RESULTS < 80% PURITY	--.--	3.3
3	518	- -	SEARCH RESULTS < 80% PURITY	--.--	5.2
4	526	- -	SEARCH RESULTS < 80% PURITY	--.--	13.
5	557	- -	SEARCH RESULTS < 80% PURITY	--.--	9.8

1.000

U.S. ENVIRONMENTAL PROTECTION AGENCY-CLP Sample Management Office AT45
P.O. Box 818, Alexandria, VA 22313 - [redacted]/557-2490

Sample Number
3933-17
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 27702

Case Number 393-SAS-393G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 2.62
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol 2600	~~400U~~ KH
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol 1400	~~400U~~ KH

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol 1400	~~400U~~ KH
	95-95-4	2,4,5-trichlorophenol 7700	~~4000U~~ KH

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene 1400	~~400U~~ KH
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene 7700	~~400U~~ KH
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene 9300	~~400U~~ KH
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate 720	~~400U~~ KH
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene 400	~~400U~~ KH
(81B)	85-01-8	phenanthrene 800	~~400U~~ KH
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene 4200	~~800U~~ KH
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

4516

Sample Number
393G-17
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 27702

Case Number 393-SAS#393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☒ 2.62
(Check Box for Appropriate Factor)

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~~	~~0.080U~~

OR[illegible]CS ANALYSIS DATA SHEET - Page 2

AT4516

Sample Number 3936-17
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27702

Case Number 393-SAS# 393-6
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 2.62
(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	2.5U
(6V)	56-23-5	carbon tetrachloride	2.5U
(7V)	108-90-7	chlorobenzene 3.4	~~2.5U~~ DM
(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~~ DM 2.5U GMP
(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 24	~~2.5U~~ DM
(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~~ DM 2.5U GMP
(50V)	75-71-8	dichlorodifluoromethane	NA
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene 3.8	~~2.5U~~ DM
(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

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AT 4516 PAGE 4

LAB SAMPLE I.D. # 027702

SAMPLE # 393G-17

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: ABN

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) ~~OR (UG/L)~~ (EU)
1	335	108-88-3	~~BENZENE,METHYL-~~ CHP	95.5	1100.
[illegible]	451	108-90-7	~~BENZENE,CHLORO-~~ CHP	~~95.3~~	~~840.~~
2.	954	- -	SEARCH RESULTS < 80% PURITY	--.--	2800.
3	968	- -	SEARCH RESULTS < 80% PURITY	--.--	2000.
4	995	629-50-5	TRIDECANE	82.1	5400.
5	1022	91-57-6	~~NAPHTHALENE,2-METHYL-~~ CHP	89.5	3100.
6.	1040	634-90-2	BENZENE,1,2,3,5-TETRACHLORO-	88.2	3500.
7	1064	- -	SEARCH RESULTS < 80% PURITY	--.--	5700.
8.	1103	- -	SEARCH RESULTS < 80% PURITY	--.--	4200.
9.	1114	582-16-1	NAPHTHALENE,2,7-DIMETHYL-	89.4	4700.
10.	1129	569-41-5	NAPHTHALENE,1,8-DIMETHYL-	89.1	8700.
11.	1143	- -	SEARCH RESULTS < 80% PURITY	--.--	2100.
12.	1152	- -	SEARCH RESULTS < 80% PURITY	--.--	6500.
13.	1156	50375-10-5	BENZENE,1,2,4-TRICHLORO-3-METHOXY-	87.9	2700.
14	1169	- -	SEARCH RESULTS < 80% PURITY	--.--	5200.
15	1187	- -	SEARCH RESULTS < 80% PURITY	--.--	12000.
16.	1209	- -	SEARCH RESULTS < 80% PURITY	--.--	27000.
17.	1227	- -	SEARCH RESULTS < 80% PURITY	--.--	6600.
18	1231	- -	SEARCH RESULTS < 80% PURITY	--.--	3800.
19.	1274	544-76-3	HEXADECANE	80.4	14000.
20	1357	112-95-8	EICOSANE	85.2	21000.

LAB SAMPLE I.D. # 027702

SAMPLE # 3936-17

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: VOA

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/KG) ~~OR (UG/L)~~ (EV)
1	205	75-65-0	2-PROPANOL,2-METHYL-	97.3	6.3
2	384	108-87-2	CYCLOHEXANE,METHYL-	93.5	20.
3	427	26952-21-6	ISOOCTANOL	85.3	5.5
4	514	13466-78-9	BICYCLO\4.1.0\HEPT-3-ENE,3,7,7-TRIMETHYL-	86.3	11.
5	529	- -	SEARCH RESULTS < 80% PURITY	--.--	9.6

1.000

ENVIRONMENTAL PROTECTION AGENCY-CLP Sample Management Office
Box 818, Alexandria, VA 22313 [redacted]/557-2490

AT4518

Sample Number
393G-15
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 27703

Case Number SAS 393-G
QC Report No. 123-96, 125-80, 127-99

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

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol 800U ~~4000U~~ cn CHP	
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol 400U ~~4000U~~ cn CHP	
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	400U
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	183-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

62-53-3	aniline	400U
100-51-6	benzyl alcohol	800U
106-47-8	4-chloroaniline	2000U
132-64-9	dibenzofuran	400U
91-57-6	2-methylnaphthalene	800U
88-74-4	2-nitroaniline	4000U
99-09-2	3-nitroaniline	4000U
100-01-6	4-nitroaniline	4000U

AT4518

ORGANICS ANALYSIS DATA SHEET - Page 3

Sample Number
3936-15
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 27703

Case Number 393- SAS#393-6
QC Report No. 123-96, 125-80, 127-99

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

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)	72-20-8	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~~
	~~2,3,7,8-tetrachlorodibenzo-p-dioxin~~	
~~(129B) 1746-01-6~~		~~0.080U~~

4518

ORGANICS ANALYSIS DATA SHEET - Page 2

Sample Number
3936-15

LOW LEVEL SOLID

Laboratory Name Mead CompuChem

Lab Sample ID No. 27703

Case Number SAS 393-G

QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☒ 1.89

(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	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	16 ~~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
(50V)	75-71-8	dichlorodifluoromethane	NA
(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

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AT4518

LAB SAMPLE I.D. # 027703

SAMPLE # 3936-15

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC6

ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) OR (UG/L) (EV)
1	359	- -	SEARCH RESULTS < 80% PURITY	--.--	11000.
[illegible]	1417	- -	" "		5000.
[illegible]	1768	- -	" "		1800.
4	517	79-09-4	PROPANOICACID	94.1	2600.
5	547	- -	SEARCH RESULTS < 80% PURITY	--.--	370.
6	572	- -	SEARCH RESULTS < 80% PURITY	--.--	230.
7	650	- -	SEARCH RESULTS < 80% PURITY	--.--	610.
8	666	- -	SEARCH RESULTS < 80% PURITY	--.--	420.
9	700	- -	SEARCH RESULTS < 80% PURITY	--.--	480.
10	708	109-52-4	PENTANOICACID	82.9	390.
11	768	- -	SEARCH RESULTS < 80% PURITY	--.--	190.
[illegible]	903	- -	SEARCH RESULTS < 80% PURITY	--.--	220.
[illegible]	940	- -	SEARCH RESULTS < 80% PURITY	--.--	200.
14	954	- -	SEARCH RESULTS < 80% PURITY	--.--	170.
15	1110	529-20-4	BENZALDEHYDE,2-METHYL-	83.1	1100.
16	1158	- -	SEARCH RESULTS < 80% PURITY	--.--	340.
17	1308	- -	SEARCH RESULTS < 80% PURITY	--.--	310.
18	1641	- -	SEARCH RESULTS < 80% PURITY	--.--	3300.
19	1713	- -	SEARCH RESULTS < 80% PURITY	--.--	480.
20	1719	112-95-8	EICOSANE	80.0	260.

39.999

AT 4541

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

Sample Number
393G-10
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 27700

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.45
(Check Box for Appropriate Factor)

ACID COMPOUNDS

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	11--91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	400U
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene	800U
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

AT 4541

Sample Number
3936-10
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 27200

Case Number 393 - SAS #393 -6
QC Report No. 12396, 125-80, 127-99

Multiply all Values and Detection Limits by 1 ☐ or 10 ☐ or ☑ 1.45
(Check Box for Appropriate Factor)

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~~	~~0.880U~~

A 4541

ORGANICS ANALYSIS DATA SHEET - Page 2

Sample Number
393G-10
LOW LEVEL SOLID

Laboratory Name Mead CompuChem
Lab Sample ID No. 87700

Case Number 393-SAS-393-G
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.45
(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	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 22	2.5U UH
(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
(50V)	75-71-8	dichlorodifluoromethane	NA
(51V)	124-48-1	chlorodibromomethane	2.5U
(85V)	127-18-4	tetrachloroethene	2.5U
(86V)	108-88-3	toluene 2.7	2.5U UH
(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

MEAD COMPUCHEM ORGANICS ANALYSIS DATA SHEET

AT4541

LAB SAMPLE I.D. # 027700

SAMPLE # 3936-10

ESTIMATED CONCENTRATION OF TENTATIVELY IDENTIFIED COMPOUNDS
ANALYTICAL FRACTION: FSCC6

	ITEM	SCAN NUMBER	CAS #	COMPOUND NAME	% PURITY	ESTIMATED CONC. (UG/G) ~~OR (UG/L)~~ (EU)
	~~1~~	~~380~~	~~110-82-7~~	~~CYCLOHEXANE~~	~~92.2~~	~~50000.~~
1.	2	543	544-25-2	1,3,5-CYCLOHEPTATRIENE	96.0	1600.
	~~3~~	~~703~~	~~367-12-4~~	~~PHENOL,2-FLUORO~~	~~92.9~~	~~2700.~~
2.	4	718	4798-44-1	1-HEXEN-3-OL	81.2	400.
3.	5	788	624-54-4	PROPANOICACID,PENTYLESTER	80.3	3500.
	~~6~~	~~825~~	~~371-40-4~~	~~BENZENAMINE,4-FLUORO~~	~~86.7~~	~~8700.~~
4.	7	910	- -	SEARCH RESULTS < 80% PURITY	--.--	330.
	~~8~~	~~995~~		~~SEARCH RESULTS < 80% PURITY~~	.	~~6400.~~
	~~9~~	~~1016~~		~~SEARCH RESULTS < 80% PURITY~~	.	~~4600.~~
	~~10~~	~~1311~~	~~324-74-3~~	~~2-FLUOROBIPHENYL~~	~~84.2~~	~~8900.~~
5.	11	1588	630-02-4	OCTACOSANE	85.4	540.
6.	12	1640	- -	SEARCH RESULTS < 80% PURITY	--.--	1000.
7	13	1667	- -	SEARCH RESULTS < 80% PURITY	--.--	1200.
	~~14~~	~~1677~~		~~SEARCH RESULTS < 80% PURITY~~	.	~~110.~~
8	15	1745	630-02-4	~~OCTACOSANE~~ Hydrocarbon Chp	85.2	460.
9	16	1819	1072-16-8	OCTANE,2,7-DIMETHYL-	87.2	320.
10		1503	29812-79-1	O-Decyl Hydroxylamine	80.0	390
11		1510		SEARCH RESULTS <80% PURITY		1300
12		2517		" "	.	450
13	20	2787	- -	SEARCH RESULTS < 80% PURITY	--.--	2500.
14	21	3810	- -	SEARCH RESULTS < 80% PURITY	--.--	1100.

IRONMENTAL PROTECTION AGENCY-CLP Sample Management Office
818, Alexandria, VA 22313 - 703/557-2490

H1 45 T2

Sample Number
3936-11
LOW LEVEL SOLID

ORGANICS ANALYSIS DATA SHEET - Page 1

Laboratory Name Mead CompuChem
Lab Sample ID No. 277701

Case Number 393 - SAS#3936
QC Report No. 123-96, 125-80, 127-99

Multiply all Values and Detection limits by 1 ☐ or 10 ☐ or ☑ 1.35
(Check Box for Appropriate Factor)

ACID COMPOUNDS

GMP

PP#	CAS#		ug/kg
(21A)	88-06-2	2,4,6-trichlorophenol	400U
(22A)	59-50-7	p-chloro-m-cresol	400U
(24A)	95-57-8	2-chlorophenol	400U
(31A)	122-83-2	2,4-dichlorophenol	400U
(34A)	105-67-9	2,4-dimethylphenol	400U
(57A)	88-75-5	2-nitrophenol	800U
(58A)	100-02-7	4-nitrophenol	4000U
(59A)	51-88-5	2,4-dinitrophenol	2000U
(60A)	534-52-1	4,6-dinitro-2-methylphenol	800U
(64A)	87-36-5	pentachlorophenol	800U
(65A)	108-95-2	phenol	400U

(Non-Priority Pollutant Hazardous Substances)

GMP

	65-85-0	benzoic acid	4000U
	95-48-7	2-methylphenol	400U
	108-39-4	4-methylphenol	400U
	95-95-4	2,4,5-trichlorophenol	4000U

BASE-NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(1B)	83-32-9	acenaphthene	400U
(5B)	92-87-5	benzidine	1600U
(8B)	120-82-1	1,2,4-trichlorobenzene	400U
(9B)	118-74-1	hexachlorobenzene	400U
(12B)	67-72-1	hexachloroethane	400U
(18B)	111-44-4	bis(2-chloroethyl)ether	400U
(20B)	91-58-7	2-chloronaphthalene	400U
(25B)	95-50-1	1,2-dichlorobenzene	400U
(26B)	541-73-1	1,3-dichlorobenzene	400U
(27B)	106-46-7	1,4-dichlorobenzene	400U
(28B)	91-94-1	3,3'-dichlorobenzidine	800U
(35B)	121-14-2	2,4-dinitrotoluene	800U
(36B)	606-20-2	2,6-dinitrotoluene	800U
(37B)	122-66-7	1,2-diphenylhydrazine (as azobenzene)	800U
(39B)	206-44-0	fluoranthene	400U
(40B)	7005-72-3	4-chlorophenyl phenylether	400U
(41B)	101-55-3	4-bromophenyl phenyl ether	400U

BASE/NEUTRAL COMPOUNDS

PP#	CAS#		ug/kg
(42B)	39638-32-9	bis-(2-chloroisopropyl)ether	800U
(43B)	111-91-1	bis-(2-chloroethoxy)methane	800U
(52B)	87-68-3	hexachlorobutadiene	400U
(53B)	77-47-4	hexachlorocyclopentadiene	400U
(54B)	78-59-1	isophorone	400U
(55B)	91-20-3	naphthalene	400U
(56B)	98-95-3	nitrobenzene	400U
(62B)	86-30-6	N-nitrosodiphenylamine	400U
(63B)	621-64-7	N-nitrosodi-n-propylamine	800U
(66B)	117-81-7	bis(2-ethylhexyl)phthalate	400U
(67B)	85-68-7	butyl benzyl phthalate	400U
(68B)	84-74-2	di-n-butyl phthalate	400U
(69B)	117-84-0	di-n-octyl phthalate	400U
(70B)	84-66-2	diethyl phthalate	400U
(71B)	131-11-3	dimethyl phthalate	400U
(72B)	56-55-3	benzo(a)anthracene	400U
(73B)	50-33-8	benzo(a)pyrene	800U
(74B)	205-99-2	benzo(b)fluoranthene	800U
(75B)	207-08-9	benzo(k)fluoranthene	800U
(76B)	318-01-9	chrysene	400U
(77B)	208-96-8	acenaphthylene	400U
(78B)	120-12-7	anthracene	400U
(79B)	181-24-2	benzo(ghi)perylene	800U
(80B)	86-73-7	fluorene	400U
(81B)	85-01-8	phenanthrene	400U
(82B)	53-70-3	dibenzo(a,h)anthracene	800U
(83B)	193-39-5	indeno(1,2,3-cd)pyrene	800U
(84B)	129-00-0	pyrene	400U

(Non-Priority Pollutant Hazardous Substances)

	62-53-3	aniline	400U
	100-51-6	benzyl alcohol	800U
	106-47-8	4-chloroaniline	2000U
	132-64-9	dibenzofuran	400U
	91-57-6	2-methylnaphthalene	800U
	88-74-4	2-nitroaniline	4000U
	99-09-2	3-nitroaniline	4000U
	100-01-6	4-nitroaniline	4000U

17

A14542

Sample Number
3936-11
LOW LEVEL SOLID

ICS ANALYSIS DATA SHEET - Page 3

Laboratory Name Mead CompuChem
Lab Sample ID No. 27701

Case Number 393-SAS#393-6
QC Report No. 123-96, 125-80, 127-99

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

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~~	~~0.080U~~