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MEMORANDUM

DATE: September 19, 2008

TO: Renee Nordeen, START-3 Project Manager, E & E, Seattle, WA

FROM: Mark Woodke, START-3 Chemist, E & E, Seattle, Washington MW

SUBJ: **Organic Data Summary Check,**
Bremerton Gasworks Properties, Bremerton, Washington

REF: TDD: 07-01-0008 PAN: 002233.0178.01BR

The data summary check of 20 soil samples collected from the Bremerton Gasworks Properties site located in Bremerton, Washington, has been completed. Analysis for organics (EPA CLP SOW SOM01.2) was performed by KAP Technologies, Inc., The Woodlands, Texas.

The samples were numbered:

J8K23	J8K24	J8K25	J8K26	J8K27
J8K28	J8K44	J8K45	J8K46	J8K49
J8K49	J8K54	J8K55	J8K56	J8K57
J8K61	J8K62	J8K82	J8K83	J8K84

No discrepancies were noted.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

August 25, 2008

Reply to
Attn of: OEA-095

MEMORANDUM

Subject: Data Review Report for the Volatile, Semi-Volatile Organic (SVOC / SIM) Analyses of Samples collected from the Bremerton Gasworks Brownfield Site
Case: 37435 SDGs: J8K48

From: Raymond Wu, Chemist
Office of Environmental Assessment 9/11/08

To: Joanne LaBaw, Site Assessment Manager
Office of Environmental Cleanup

CC: Renee Nordeen, Project Manager
Ecology and Environment, Inc.

The quality assurance (QA) review of the analytical data generated from the analysis of 20 soil samples collected from the above referenced site has been completed. Samples were analyzed for Volatile, Semi-Volatile (SVOC/SIM) in accordance with the USEPA Contract Laboratory Program (CLP) Statement of Work (SOW) for Organic Analyses (SOM01.2) by KAP Technologies, Inc. in The Woodlands, Texas. The following samples were evaluated in this validation report:

SDG: J8K48

J8K23	J8K24	J8K25	J8K26	J8K27	J8K28	J8K44
J8K45	J8K46	J8K48	J8K49	J8K54	J8K55	J8K56
J8K57	J8K61	J8K62	J8K82	J8K83	J8K84	

DATA QUALIFICATIONS

The following comments refer to the laboratory performance in meeting the Quality Control specifications outlined in the Sampling and Quality Assurance Plan July 1, 2008, prepared by Ecology and Environment, USEPA CLP SOW for Organic Analysis (SOM01.2, 05/2008), and the applicable criteria set forth in the USEPA Contract Laboratory Program's National Functional Guidelines for Organic Data Review (07/2007). The data reviews conducted on these analyses were based on the QC Forms and Sample Data Summary Forms submitted by the laboratories. Review of the raw data of the analyses was not conducted. The conclusions presented herein are based on the information provided for the review.

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Please note:

1) The original Chain of custody forms had some inconsistencies (eg. sampling date and time, missing preservation information) & they were later reconciled by the sampling contractor. Clarifications were received as emails from the sampling contractor.
2) SVOC sample results were reported from the combination of Full Scan, Full Scan Dilution, SIM and SIM dilution runs.
3) Some of the VOC, SVOC and SIM reporting limits were reported by the contract lab at higher concentration levels than those listed in the QAPP (MA 1568.0).

The samples were evaluated based on the following QC elements:

$ Holding Time
$ Method and Trip Blanks
$ Initial and Continuing Calibration
$ Surrogate Recoveries
$ Lab Control Spike Recovery
$ Target Compound and Reporting Limits
$ GC/MS Spectra Matching Criteria

Overall Assessment

All of the samples met the technical acceptance criteria for each of the QC elements listed above with the exception of the following:

Four ICALs (two VOC, one SVOC & one SIM) were evaluated in this report. They met the technical acceptance criteria for the percent relative standard deviations (%RSDs) and the minimum relative response factors (RRFs) for all target compounds and surrogates with the exception of the following:

5/22/08 @ 14:02 (VOC) & 6/11/08@17:02 (SVOC)

$ The %RSD of Chloroethane (34.1%) in the VOC initial calibration exceeded the control limit of 30%. Recalculation of the %RSD indicated that it was not linear at the high end of the curve and the corresponding samples would be J/None qualified for this analyte.

$ The %RSD of 2-Hexanone (34.5%) in the VOC initial calibration exceeded the control limit of 30%. Recalculation of the %RSDs indicated that it was not linear at the low end of the curve and the corresponding samples would be J/UJ qualified for this analyte.

$ The %RSD of Hexachlorocyclopentadiene (35.6%), 2,4-Dinitrophenol (36.8%) and Pentachlorophenol (37.2%) in the SVOC initial calibration exceeded the control limit of 30%. Recalculation of the %RSDs indicated that they were not linear at the low end of

the curve and the corresponding samples would be J/UJ qualified for those analytes.

$ All of the CCV checks met the criteria for frequency of analysis, the SOW specified, minimum RRFs and %Ds as compared to the initial calibration with the exception of the following:

"VOC"

Date/Time of Analysis/ Inst.	Compound	%D	Qualifier Detect/Non-detect	Associated Samples
05/23/08 18:43 B-5973 (opening ccv)	Naphthalene	38.0	J/None	J8K54 -> J8K57 J8K61 -> J8K62 J8K84

"SVOC"

Date/Time of Analysis/ Inst.	Compound	%D	Qualifier Detect/Non-detect	Associated Samples
06/12/08 07:54 G-5973 (opening ccv)	Pentachlorophenol	29.7	J/None	J8K23, J8K46 J8K57, J8K61 J8K62
06/13/08 08:16 G-5973 (opening ccv)	Di-n-octylphthalate	36.1	J/None	J8K23DL,J8K46DL J8K46DL2,J8K46RE

"SIM"

Date/Time of Analysis/ Inst.	Compound	%D	Qualifier Detect/Non-detect	Associated Samples
06/14/08 13:01 G-5973 (opening ccv)	Benzo(b)fluoranthene	-36.5	J/UJ	J8K24 -> J8K28 J8K44 -> J8K45 J8K48 -> J8K49 J8K54 -> J8K55 J8K82, J8K84
	Benzo(k)fluoranthene	-31.5	J/UJ	"
06/15/08 00:20 G-5973 (opening ccv)	Dibenzo(a,h)anthracene	36.5	J/None	J8K44DL J8K56 -> J8K57 J8K61 -> J8K62 J8K83

VOC DMCs (Soil)	Recovery Limits (%)	VOC DMCs (Soil)	Recovery Limits (%)
Vinyl Chloride-d3 (VCL)	68-122	1,2-Dichloropropane-d6 (DPA)	74-124
Chloroethane-d5 (CLA)	61-130	Toluene-d8 (TOL)	78-121
1,1-Dichloroethene-d2 (DCE)	45-132	Trans-1,3-Dichloropropene-d4 (TDP)	72-130
2-Butanone-d5 (BUT)	20-182	2-Hexanone-d5 (HEX)	17-184
Chloroform-d (CLF)	72-123	1,4-Dioxane-d8 (DXE)	50-150
1,2-Dichloroethane-d4 (DCA)	79-122	1,1,2,2-Tetrachloroethane-d2 (TCA)	56-161
Benzene-d6 (BEN)	80-121	1,2-Dichlorobenzene-d4 (DCZ)	70-131

All of the volatile surrogate recoveries met the applicable recovery criteria with exception of the following:

"VOC"

Sample	**DMC**	**%Recovery**	**Qualification Detects/Non-detects**	**Associated VOCs**
J8K44	TCA	1033	J/None	1,1,2,2-Tetrachloroethene, 1,2-Dibromo-3-Chloropropane
	DCZ	146	J/None	Trichlorofluoromethane, 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane, Methyl Acetate, Methylene Chloride, Methyl-tert-butyl ether, 1,1,1-Trichloroethane, Carbon tetrachloride, 1,2-Dibromoethane, 1,2-Dichloroethane
J8K56	CLA	148	J/None	Dichlorodifluoromethane, Chloromethane, Bromomethane, Chloroethane, Carbon Disulfide

"SVOC"

SVOC DMCs (Soil)	Recovery Limits (%)	SVOC DMCs (Soil)	Recovery Limits (%)
Phenol-d5 (PHL)	17-103	Dimethylphthalate-d6 (DMP)	43-111
Bis-(2-chloroethyl) ether-d8 (BCE)	12-98	Acenapthylene-d8 (ACY)	20-97
2-chlorophenol-d4 (2CP)	13-101	4-Nitrophenol-d4 (4NP)	16-166
4-Methylphenol-d8 (4MP)	8-100	Fluorene-d10 (FLR)	40-108
Nitrobenzene-d5 (NBZ)	16-103	4,6-Dinitro-2-methylphenol-d2 (NMP)	1-121

2-Nitrophenol-d4 (2NP)	16-104	Anthracene-d10 (ANC)	22-98
2,4-Dichlorophenol-d3 (DCP)	23-104	Pyrene-d10 (PYR)	51-120
4-chloroaniline-d4 (4CA)	1-145	Benzo(a)pyrene-d12 (BAP)	43-111
Fluoranthene-d10 (FLN)#	50-150	2-Methylnaphthalene-d10 (2MN)#	50-150

# denotes SVOC-SIM surrogates

All of the SVOC/SIM surrogate recoveries met the applicable recovery criteria with exception of the following:

"SVOC / SIM"

Sample	DMC	%Recovery	Qualification Detects/Non-detects	Associated VOCs
J8K46	4NP	264	J/None	2-Nitroaniline, 3-Nitroaniline, 2,4-Dinitrophenol, 4-Nitrophenol, 4-Nitroaniline
J8K57	NMP	141	J/None	4,6-Dinitro-2-methylphenol
	ANC	114	J/None	Hexachlorobenzene, Atrazine, Phenanthrene, Anthracene
	PYR	139	J/None	Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene
	BAP	144	J/None	Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene
J8K23	FLN	0	J/UJ	Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene
	2MN	0	J/UJ	Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Pentachlorophenol, Phenanthrene, Anthracene
J8K46	FLN	0	J/UJ	Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene
	2MN	0	J/UJ	Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Pentachlorophenol, Phenanthrene, Anthracene

J8K56	FLN	37	J/UJ	Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene
	2MN	37	J/UJ	Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Fluorene, Pentachlorophenol, Phenanthrene, Anthracene

Internal Standards

SVOC

The acceptance criteria for internal standards (IS) are +/- 30 seconds for retention time (RT) shifts and -50% to 200% of the IS area as compared to the IS RT and area of the daily continuing calibration standard. All of the results met the IS area and RT shift criteria with exceptions of the following:

- J8K23 - Internal Standard #5 & #6 were higher than the QC limits
- J8K23DL - Internal Standards #1, 2, 3, 4 were higher than the QC limits
- J8K46 - Internal Standards #3, #4, #5 & #6 were higher than the QC limits
- J8K46DL - Internal Standards #1, 2, 3, 4, 5 were lower than the QC limits
- J8K46DL2 - Internal Standards #1, 2, 3, 4, 5, 6 were lower than the QC limits

The corresponding compounds were qualified as J/None. They are as follows:

- J8K23
  For IS #5 (Chrysene-d12) & #6 (Perylene-d12)

  Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Bis(2-ethylhexyl) phthalate, Chrysene

  Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

- J8K46
  For IS #3 (Acenaphthene-d10)

  Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2,3,4,6-Tetrachlorophenol, 1,1'-Biphenyl, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 3-Nitroaniline, Acenaphthylene, 3-Nitroaniline, Acenaphthene, 2,4-Dinitrophenol, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 1,2,4,5-Tetrachlorobenzene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline

The corresponding compounds were qualified as J/UJ. They are as follows:

- J8K23DL
  For IS#1 (1,4-Dichlorobenzene-d4), For IS#2 (Naphthalene-d8), IS#3 (Acenaphthene-d10), IS#4 (Phenanthrene-d10)

  Benzaldehyde, Phenol, Bis(2-chloroethyl) ether, 2-Chlorophenol, 2-Methylphenol, 2,2'-oxybis-(1-chloro-propane), Acetophenone, 4-Methylphenol, N-Nitroso-di-n-propylamine, Hexachloroethane

  Nitrobenzene, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, Bis(2-chloroethoxy)methane, 2,4-Dichlorophenol, 4-Chloroaniline, Hexachlorobutadiene, Caprolactam, 4-chloro-3-methylphenol, 2-Methylnaphthalene, Naphthalene

  Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2,3,4,6-Tetrachlorophenol, 1,1'-Biphenyl, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 3-Nitroaniline, Acenaphthylene, 3-Nitroaniline, Acenaphthene, 2,4-Dinitrophenol, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 1,2,4,5-Tetrachlorobenzene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline

  4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, 4-Bromophenyl-phenylether, Hexachlorobenzene, Atrazine, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

- J8K46
  For IS#4 (Phenanthrene-d10), IS#5 (Chrysene-d12), IS#6 (Perylene-d12)

  4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, 4-Bromophenyl-phenylether, Hexachlorobenzene, Atrazine, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

  Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Bis(2-ethylhexyl) phthalate, Chrysene

  Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

- J8K46DL
  For IS#1 (1,4-Dichlorobenzene-d4), IS#2 (Naphthalene-d8), IS#3 (Acenaphthene-d10), IS#4 (Phenanthrene-d10), IS#5 (Chrysene-d12)

  Benzaldehyde, Phenol, Bis(2-chloroethyl) ether, 2-Chlorophenol, 2-Methylphenol, 2,2'-oxybis-(1-chloro-propane), Acetophenone, 4-Methylphenol, N-Nitroso-di-n-propylamine,

Hexachloroethane

Nitrobenzene, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, Bis(2-chloroethoxy)methane, 2,4-Dichlorophenol, 4-Chloroaniline, Hexachlorobutadiene, Caprolactam, 4-chloro-3-methylphenol, 2-Methylnaphthalene, Naphthalene

Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2,3,4,6-Tetrachlorophenol, 1,1'-Biphenyl, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 3-Nitroaniline, Acenaphthylene, 3-Nitroaniline, Acenaphthene, 2,4-Dinitrophenol, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 1,2,4,5-Tetrachlorobenzene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline

4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, 4-Bromophenyl-phenylether, Hexachlorobenzene, Atrazine, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Bis(2-ethylhexyl) phthalate, Chrysene

- J8K46DL2
  For IS#1 (1,4-Dichlorobenzene-d4), IS#2 (Naphthalene-d8), IS#3 (Acenaphthene-d10), IS#4 (Phenanthrene-d10), IS#5 (Chrysene-d12), IS#6 (Perylene-d12)

Benzaldehyde, Phenol, Bis(2-chloroethyl) ether, 2-Chlorophenol, 2-Methylphenol, 2,2'-oxybis-(1-chloro-propane), Acetophenone, 4-Methylphenol, N-Nitroso-di-n-propylamine, Hexachloroethane

Nitrobenzene, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, Bis(2-chloroethoxy)methane, 2,4-Dichlorophenol, 4-Chloroaniline, Hexachlorobutadiene, Caprolactam, 4-chloro-3-methylphenol, 2-Methylnaphthalene, Naphthalene

Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2,3,4,6-Tetrachlorophenol, 1,1'-Biphenyl, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 3-Nitroaniline, Acenaphthylene, 3-Nitroaniline, Acenaphthene, 2,4-Dinitrophenol, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 1,2,4,5-Tetrachlorobenzene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline

4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, 4-Bromophenyl-phenylether, Hexachlorobenzene, Atrazine, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Bis(2-ethylhexyl) phthalate, Chrysene

Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenzo(a,h)anthracene, Benzo(g,h,i)perylene

SIM

The acceptance criteria for internal standards (IS) are +/- 30 seconds for retention time (RT) shifts and -50% to +200% of the IS area as compared to the IS RT and area of the daily continuing calibration standard. All of the results met the IS area and RT shift criteria with exceptions of the following:

- J8K23 - Internal Standards #4 was lower than the QC limits
- J8K56 - Internal Standard #2 & #3 were lower than the QC limits
- J8K84 - Internal Standard #2 & #4 were higher than the QC limits

The corresponding compounds were qualified as J/None. They are as follows:

- J8K84
  For IS #2 (Naphthalene-d8) & IS#4 (Phenanthrene-d10)

  Nitrobenzene, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, Bis(2-chloroethoxy)methane, 2,4-Dichlorophenol, 4-Chloroaniline, Hexachlorobutadiene, Caprolactam, 4-chloro-3-methylphenol, 2-Methylnaphthalene, Naphthalene

  4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, 4-Bromophenyl-phenylether, Hexachlorobenzene, Atrazine, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

The corresponding compounds were qualified as J/UJ. They are as follows:

- J8K23

  For IS#4 (Phenanthrene-d10)

  4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, 4-Bromophenyl-phenylether, Hexachlorobenzene, Atrazine, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

- J8K56

  For IS #2 (Naphthalene-d8) & IS#3 (Acenaphthene-d10)

  Nitrobenzene, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, Bis(2-chloroethoxy)methane, 2,4-Dichlorophenol, 4-Chloroaniline, Hexachlorobutadiene, Caprolactam, 4-chloro-3-methylphenol, 2-Methylnaphthalene, Naphthalene

Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2,3,4,6-Tetrachlorophenol, 1,1'-Biphenyl, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 3-Nitroaniline, Acenaphthylene, 3-Nitroaniline, Acenaphthene, 2,4-Dinitrophenol, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 1,2,4,5-Tetrachlorobenzene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline

The PAH data were reported for different samples as seen in the tables below:

Compound	J8K23	J8K24	J8K25	J8K26	J8K27	J8K28	J8K44	J8K45	J8K46	J8K48
Naphthalene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D2	SIM
2-Methylnaphthalene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D2	SIM
Acenaphthylene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Acenaphthene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Fluorene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Pentachlorophenol	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full S.	SIM
Phenanthrene	Full D.	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D2	SIM
Anthracene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full S.	SIM
Fluoranthene	Full D.	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Pyrene	Full D.	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Benzo(a)anthracene	Full D.	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full S.	SIM
Chrysene	Full D.	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Benzo(b)fluoranthene	Full D.	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Benzo(k)fluoranthene	Full D.	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Benzo(a)pyrene	Full D.	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Indeno(1,2,3-cd)pyrene	Full D.	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Dibenzo(a,h)anthracene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full S.	SIM
Benzo(g,h,i)perylene	Full D.	SIM	SIM	SIM	SIM	SIM	SIM	SIM	Full D.	SIM
Compound	**J8K49**	**J8K54**	**J8K55**	**J8K56**	**J8K57**	**J8K61**	**J8K62**	**J8K82**	**J8K83**	**J8K84**
Naphthalene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
2-Methylnaphthalene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Acenaphthylene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Acenaphthene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Fluorene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Pentachlorophenol	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Phenanthrene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Anthracene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Fluoranthene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Pyrene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Benzo(a)anthracene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Chrysene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Benzo(b)fluoranthene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Benzo(k)fluoranthene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Benzo(a)pyrene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Indeno(1,2,3-cd)pyrene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM
Dibenzo(a,h)anthracene	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM	SIM

(Note: + indicates the results reported from **"SIM Dilution Runs"**;
Full S. indicates the results reported from **"Full Scan Runs"**;
Full D. indicates the results reported from **"Full Scan Dilutions"**
Full D2 indicates the results reported from **"Full Scan Dilution #2"**).
The rest of the SVOC data was obtained through full scan runs.

The data, as qualified, can be used for all purposes.

Data Qualifiers		
	U	The analyte was not detected at or above the reported result.
	J	The analyte was positively identified. The associated numerical result is an estimate.
	UJ	The analyte was not detected at or above the reported estimated result. The associated numerical value is an estimate of the quantitation limit of the analyte in this sample.
	R	The data are unusable for all purposes.
	N	There is evidence the analyte is present in this sample.
	JN	There is evidence that the analyte is present. The associated numerical result is an estimate.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K23

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.02

Sample wt/vol: 3.800 (g/mL) G Lab File ID: B16326

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 8.3 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.4	U
74-87-3	Chloromethane	1.4	U
75-01-4	Vinyl chloride	1.4	U
74-83-9	Bromomethane	1.4	U
75-00-3	Chloroethane	1.4	U
75-69-4	Trichlorofluoromethane	1.4	U
75-35-4	1,1-Dichloroethene	1.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	U
67-64-1	Acetone	26	
75-15-0	Carbon disulfide	1.4	U
79-20-9	Methyl acetate	1.4	U
75-09-2	Methylene chloride	1.4 ~~0.69~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.4	U
1634-04-4	Methyl tert-butyl ether	1.4	U
75-34-3	1,1-Dichloroethane	1.4	U
156-59-2	cis-1,2-Dichloroethene	1.4	U
78-93-3	2-Butanone	7.2	U
74-97-5	Bromochloromethane	1.4	U
67-66-3	Chloroform	1.4	U
71-55-6	1,1,1-Trichloroethane	1.4	U
110-82-7	Cyclohexane	1.4	U
56-23-5	Carbon tetrachloride	1.4	U
71-43-2	Benzene	1.4	U
107-06-2	1,2-Dichloroethane	1.4	U
123-91-1	1,4-Dioxane	140	U
79-01-6	Trichloroethene	1.4	U
108-87-2	Methylcyclohexane	1.4	U
78-87-5	1,2-Dichloropropane	1.4	U
75-27-4	Bromodichloromethane	1.4	U
10061-01-5	cis-1,3-Dichloropropene	1.4	U
108-10-1	4-Methyl-2-pentanone	7.2	U
108-88-3	Toluene	1.4	J U
10061-02-6	trans-1,3-Dichloropropene	1.4	U
79-00-5	1,1,2-Trichloroethane	1.4	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K23

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.02

Sample wt/vol: 3.800 (g/mL) G Lab File ID: B16326

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 8.3 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.4	U
591-78-6	2-Hexanone	7.2	UJ
124-48-1	Dibromochloromethane	1.4	U
106-93-4	1,2-Dibromoethane	1.4	U
108-90-7	Chlorobenzene	1.4	U
100-41-4	Ethylbenzene	1.4	U
95-47-6	o-Xylene	1.4	U
179601-23-1	m,p-Xylene	1.4	U
100-42-5	Styrene	1.4	U
75-25-2	Bromoform	1.4	U
98-82-8	Isopropylbenzene	1.4	U
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U
541-73-1	1,3-Dichlorobenzene	1.4	U
106-46-7	1,4-Dichlorobenzene	1.4	U
95-50-1	1,2-Dichlorobenzene	1.4	U
96-12-8	1,2-Dibromo-3-chloropropane	1.4	U
120-82-1	1,2,4-Trichlorobenzene	7.2	U
87-61-6	1,2,3-Trichlorobenzene	7.2	U
87-68-3	Hexachlorobutadiene	1.4	U
67-72-1	Hexachloroethane	2.9	U
91-20-3	Naphthalene	2.2	~~J~~U
630-20-6	1,1,1,2-Tetrachloroethane	1.4	U
96-18-4	1,2,3-Trichloropropane	1.4	U

8/23/08

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K23

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.02

Sample wt/vol: 3.800 (g/mL) G Lab File ID: B16326

Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 8.3 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	4.51	4.8	J
02		Unknown-02	11.16	7.2	J
03	000527-53-7	Benzene, 1,2,3,5-tetramethyl-	19.85	9.5	NJ
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (5/2007)

8/28/08 98038

Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)p
Indeno(1,2,3-cd)pyrene & Benzo(g,h,i)perylene report from J8K23DL. The rest of PAHs report from J8K23SIM
The rest report from J8K23 Full Scan

1D - FORM I SV-1 (Full Scan)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K23

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.02

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0845

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 8.3 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	22	U
108-95-2	Phenol	22	U
111-44-4	Bis(2-chloroethyl)ether	22	U
95-57-8	2-Chlorophenol	22	U
95-48-7	2-Methylphenol	22	U
108-60-1	2,2'-Oxybis(1-chloropropane)	22	U
98-86-2	Acetophenone	22	U
106-44-5	4-Methylphenol	22	U
621-64-7	N-Nitroso-di-n-propylamine	22	U
67-72-1	Hexachloroethane	22	U
98-95-3	Nitrobenzene	22	U
78-59-1	Isophorone	22	U
88-75-5	2-Nitrophenol	22	U
105-67-9	2,4-Dimethylphenol	22	U
111-91-1	Bis(2-chloroethoxy)methane	22	U
120-83-2	2,4-Dichlorophenol	22	U
91-20-3	~~Naphthalene~~	~~46~~	~~MU~~
106-47-8	4-Chloroaniline	22	U
87-68-3	Hexachlorobutadiene	22	U
105-60-2	Caprolactam	22	U
59-50-7	4-Chloro-3-methylphenol	22	U
91-57-6	~~2-Methylnaphthalene~~	~~47~~	~~MU~~
77-47-4	Hexachlorocyclopentadiene	54	UJ
88-06-2	2,4,6-Trichlorophenol	22	U
95-95-4	2,4,5-Trichlorophenol	22	U
92-52-4	1,1'-Biphenyl	22	U
91-58-7	2-Chloronaphthalene	22	U
88-74-4	2-Nitroaniline	43	U
131-11-3	Dimethylphthalate	22	U
606-20-2	2,6-Dinitrotoluene	22	U
208-96-8	~~Acenaphthylene~~	~~[illegible]~~	~~MU~~
99-09-2	3-Nitroaniline	43	U
83-32-9	~~Acenaphthene~~	~~22~~	~~MU~~
51-28-5	2,4-Dinitrophenol	110	UJ
100-02-7	4-Nitrophenol	43	U
132-64-9	Dibenzofuran	22	U
121-14-2	2,4-Dinitrotoluene	22	U

SOM01.2 (6/2007)

9/3/08

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K23

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.02

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0845

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 8.3 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
84-66-2	Diethylphthalate	22	U	
86-73-7	~~Fluorene~~	~~79~~		AVM
7005-72-3	4-Chlorophenyl-phenylether	22	U	
100-01-6	4-Nitroaniline	43	U	
534-52-1	4,6-Dinitro-2-methylphenol	43	U	
86-30-6	N-Nitrosodiphenylamine 1	22	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	22	U	
101-55-3	4-Bromophenyl-phenylether	22	U	
118-74-1	Hexachlorobenzene	22	U	
1912-24-9	Atrazine	22	U	
87-86-5	~~Pentachlorophenol~~	~~22~~	~~UJ~~	MW
85-01-8	~~Phenanthrene~~	~~500~~	~~E~~	~~Report from J8K23~~ MW
120-12-7	~~Anthracene~~	~~160~~		MW
86-74-8	Carbazole	26		
84-74-2	Di-n-butylphthalate	22	U	
206-44-0	~~Fluoranthene~~	~~630~~	~~E~~	MW
129-00-0	~~Pyrene~~	~~460~~	~~E~~	MW
85-68-7	Butylbenzylphthalate	22	U	
91-94-1	3,3'-Dichlorobenzidine	22	U	
56-55-3	~~Benzo(a)anthracene~~	~~440~~	~~E~~	MW
218-01-9	~~Chrysene~~	~~430~~	~~E~~	MW
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	
117-84-0	Di-n-octylphthalate	22	U	
205-99-2	~~Benzo(b)fluoranthene~~	~~480~~	~~E~~	MW
207-08-9	~~Benzo(k)fluoranthene~~	~~370~~	~~E~~	MW
50-32-8	~~Benzo(a)pyrene~~	~~650~~	~~E~~	MW
193-39-5	~~Indeno(1,2,3-cd)pyrene~~	~~390~~	~~E~~	MW
53-70-3	~~Dibenzo(a,h)anthracene~~	~~130~~	~~J~~	MW
191-24-2	~~Benzo(g,h,i)perylene~~	~~470~~	~~E~~	MW
58-90-2	2,3,4,6-Tetrachlorophenol	22	U	
92-87-5	Benzidine	22	U	
95-50-1	1,2-Dichlorobenzene	22	U	
106-46-7	1,4-Dichlorobenzene	22	U	
541-73-1	1,3-Dichlorobenzene	22	U	
62-75-9	N-Nitrosodimethylamine	22	U	
95-63-6	1,2,4-Trimethylbenzene	22	U	
108-67-8	1,3,5-Trimethylbenzene	22	U	

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K23

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.02

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0845

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 8.3 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.15	91	JN
02		Unknown-02	3.08	150	J
03		Unknown-03	4.17	160	J
04		Unknown-04	4.40	110	J
05		Unknown-05	4.67	80	J
06		Unknown-06	4.91	110	J
07	001632-73-1	Bicyclo[2.2.1]heptan-2-ol, 1,	7.42	190	NJ
08		Unknown-07	8.11	67	JN
09		Unknown-08	8.60	110	J
10		Unknown-09	10.08	93	J
11	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.27	320	NJ
12	002471-83-2	1H-Indene, 1-ethylidene-	10.41	70	NJ
13	002131-41-1	Naphthalene, 1,4,5-trimethyl-	12.74	78	NJ
14	002131-42-2	Naphthalene, 1,4,6-trimethyl-	12.90	83	NJ
15		Unknown-10	13.06	99	JN
16	000082-05-3	7H-Benz[de]anthracen-7-one	17.40	77	NJ
17		Unknown-11	17.84	120	JN
18		Unknown-12	18.12	110	J
19		Unknown-13	18.19	92	J
20		Unknown-14	18.31	120	J
21	000192-97-2	Benzo[e]pyrene	18.68	160	NJ
22		Unknown-15	19.26	84	JN
23		Unknown-16	19.43	110	J
24		Unknown-17	19.51	74	J
25		Unknown-18	19.58	75	J
26		Unknown-19	19.80	100	J
27		Unknown-20	20.06	120	J
28		Unknown-21	20.35	71	J
29		Unknown-22	20.98	71	J
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K23DL

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.02DL

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0888

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 8.3 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 5.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	110	U
108-95-2	Phenol	110	U
111-44-4	Bis(2-chloroethyl)ether	110	U
95-57-8	2-Chlorophenol	110	U
95-48-7	2-Methylphenol	110	U
108-60-1	2,2'-Oxybis(1-chloropropane)	110	U
98-86-2	Acetophenone	110	U
106-44-5	4-Methylphenol	110	U
621-64-7	N-Nitroso-di-n-propylamine	110	U
67-72-1	Hexachloroethane	110	U
98-95-3	Nitrobenzene	110	U
78-59-1	Isophorone	110	U
88-75-5	2-Nitrophenol	110	U
105-67-9	2,4-Dimethylphenol	110	U
111-91-1	Bis(2-chloroethoxy)methane	110	U
120-83-2	2,4-Dichlorophenol	110	U
91-20-3	~~Naphthalene~~	~~59~~	~~BJ~~
106-47-8	4-Chloroaniline	110	U
87-68-3	Hexachlorobutadiene	110	U
105-60-2	Caprolactam	110	U
59-50-7	4-Chloro-3-methylphenol	110	U
91-57-6	~~2-Methylnaphthalene~~	~~56~~	~~BJ~~
77-47-4	Hexachlorocyclopentadiene	270	U
88-06-2	2,4,6-Trichlorophenol	110	U
95-95-4	2,4,5-Trichlorophenol	110	U
92-52-4	1,1'-Biphenyl	110	U
91-58-7	2-Chloronaphthalene	110	U
88-74-4	2-Nitroaniline	220	U
131-11-3	Dimethylphthalate	110	U
606-20-2	2,6-Dinitrotoluene	110	U
208-96-8	~~Acenaphthylene~~	~~240~~	~~U~~
99-09-2	3-Nitroaniline	220	U
83-32-9	~~Acenaphthene~~	~~110~~	~~U~~
51-28-5	2,4-Dinitrophenol	540	U
100-02-7	4-Nitrophenol	220	U
[illegible]	[illegible]	[illegible]	[illegible]
121-14-2	2,4-Dinitrotoluene	110	U

SOM01.2 (6/2007)

9/3/08

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K23DL

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.02DL

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0888

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 8.3 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 5.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	110	U
86-73-7	~~Fluorene~~	~~74~~	~~U~~
7005-72-3	4-Chlorophenyl-phenylether	110	U
100-01-6	4-Nitroaniline	220	U
534-52-1	4,6-Dinitro-2-methylphenol	220	U
86-30-6	N-Nitrosodiphenylamine 1	110	U
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U
101-55-3	4-Bromophenyl-phenylether	110	U
118-74-1	Hexachlorobenzene	110	U
1912-24-9	Atrazine	110	U
87-86-5	~~Pentachlorophenol~~	~~110~~	~~U~~
85-01-8	Phenanthrene	600	~~U~~ J → Report
120-12-7	~~Anthracene~~	~~160~~	~~U~~
86-74-8	Carbazole	110	U
84-74-2	Di-n-butylphthalate	110	U
206-44-0	Fluoranthene	1100	~~U~~ J → "
129-00-0	Pyrene	1400	~~U~~ → "
85-68-7	Butylbenzylphthalate	110	U
91-94-1	3,3'-Dichlorobenzidine	110	U
56-55-3	Benzo(a)anthracene	480	~~U~~ → "
218-01-9	Chrysene	520	~~U~~ → "
117-81-7	Bis(2-ethylhexyl)phthalate	160	D
117-84-0	Di-n-octylphthalate	110	U
205-99-2	Benzo(b)fluoranthene	430	~~U~~ → "
207-08-9	Benzo(k)fluoranthene	470	~~U~~ → "
50-32-8	Benzo(a)pyrene	570	~~U~~ → "
193-39-5	Indeno(1,2,3-cd)pyrene	390	~~U~~ → "
53-70-3	~~Dibenz(a,h)anthracene~~	~~110~~	~~U~~
191-24-2	Benzo(g,h,i)perylene	520	~~U~~ → "
58-90-2	2,3,4,6-Tetrachlorophenol	110	U
92-87-5	Benzidine	110	U
95-50-1	1,2-Dichlorobenzene	110	U
106-46-7	1,4-Dichlorobenzene	110	U
541-73-1	1,3-Dichlorobenzene	110	U
62-75-9	N-Nitrosodimethylamine	110	U
95-63-6	1,2,4-Trimethylbenzene	110	U
108-67-8	1,3,5-Trimethylbenzene	110	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K23DL

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.02DL

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0888

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 8.3 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 5.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	16.99	330	DJ
02		Unknown-02	18.19	430	DJ
03		Unknown-03	18.29	780	DJ
04		Unknown-04	18.45	350	DJ
05	000205-99-2	Benzo[e]acephenanthrylene	18.67	890	DNJ
06	000601-58-1	Stigmastane	19.24	580	DNJ
07		Unknown-05	19.41	760	DJ
08		Unknown-06	19.50	540	DJ
09		Unknown-07	19.61	330	DJ
10		Unknown-08	19.69	330	DJ
11		Unknown-09	19.79	720	DJ
12		Unknown-10	20.30	430	DJ
13		Unknown-11	20.60	490	DJ
14	006533-00-2	Norgestrel	20.70	420	DNJ
15		Unknown-12	21.02	390	DJ
16		Unknown-13	21.44	320	DJ
17		Unknown-14	21.54	320	DJ
18		Unknown-15	22.17	360	DJ
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

Report All PAHs Except Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene and Benzo(g,h,i)perylene

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K23

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.02

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0974

Extraction: (Type) SONC

% Moisture: 8.3 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/16/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1000.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	670	J Q
91-57-6	2-Methylnaphthalene	1100	UJ
208-96-8	Acenaphthylene	1100	U
83-32-9	Acenaphthene	1100	U
86-73-7	Fluorene	1100	U
87-86-5	Pentachlorophenol	2200	U
85-01-8	~~Phenanthrene~~	~~1200~~	~~J~~ MW
120-12-7	Anthracene	1100	UJ
206-44-0	~~Fluoranthene~~	~~1100~~	~~U~~ MW
129-00-0	~~Pyrene~~	~~1100~~	~~U~~ MW
56-55-3	~~Benzo(a)anthracene~~	~~1100~~	~~U~~ MW
218-01-9	~~Chrysene~~	~~1100~~	~~U~~ MW
205-99-2	~~Benzo(b)fluoranthene~~	~~1100~~	~~U~~ MW
207-08-9	~~Benzo(k)fluoranthene~~	~~1100~~	~~U~~ MW
50-32-8	~~Benzo(a)pyrene~~	~~1100~~	~~U~~ MW
193-39-5	~~Indeno(1,2,3-cd)pyrene~~	~~1100~~	~~U~~ MW
53-70-3	Dibenzo(a,h)anthracene	1100	U
191-24-2	~~Benzo(g,h,i)perylene~~	~~1100~~	~~U~~ MW

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08 01317

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K24

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.03

Sample wt/vol: 4.200 (g/mL) G Lab File ID: B16327

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 7.2 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.3	U
74-87-3	Chloromethane	1.3	U
75-01-4	Vinyl chloride	1.3	U
74-83-9	Bromomethane	1.3	U
75-00-3	Chloroethane	1.3	U
75-69-4	Trichlorofluoromethane	1.3	U
75-35-4	1,1-Dichloroethene	1.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	U
67-64-1	Acetone	11	
75-15-0	Carbon disulfide	1.3	U
79-20-9	Methyl acetate	1.3	U
75-09-2	Methylene chloride	0.58	JB
156-60-5	trans-1,2-Dichloroethene	1.3	U
1634-04-4	Methyl tert-butyl ether	1.3	U
75-34-3	1,1-Dichloroethane	1.3	U
156-59-2	cis-1,2-Dichloroethene	1.3	U
78-93-3	2-Butanone	6.4	U
74-97-5	Bromochloromethane	1.3	U
67-66-3	Chloroform	1.3	U
71-55-6	1,1,1-Trichloroethane	1.3	U
110-82-7	Cyclohexane	1.3	U
56-23-5	Carbon tetrachloride	1.3	U
71-43-2	Benzene	1.3	U
107-06-2	1,2-Dichloroethane	1.3	U
123-91-1	1,4-Dioxane	130	U
79-01-6	Trichloroethene	1.3	U
108-87-2	Methylcyclohexane	1.3	U
78-87-5	1,2-Dichloropropane	1.3	U
75-27-4	Bromodichloromethane	1.3	U
10061-01-5	cis-1,3-Dichloropropene	1.3	U
108-10-1	4-Methyl-2-pentanone	6.4	U
108-88-3	Toluene	0.38	J
10061-02-6	trans-1,3-Dichloropropene	1.3	U
79-00-5	1,1,2-Trichloroethane	1.3	U

8/28/08

SOM01.2 (6/2007)

00053

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K24

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.03

Sample wt/vol: 4.200 (g/mL) G Lab File ID: B16327

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 7.2 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.3	U
591-78-6	2-Hexanone	6.4	UJ
124-48-1	Dibromochloromethane	1.3	U
106-93-4	1,2-Dibromoethane	1.3	U
108-90-7	Chlorobenzene	1.3	U
100-41-4	Ethylbenzene	1.3	U
95-47-6	o-Xylene	1.3	U
179601-23-1	m,p-Xylene	1.3	U
100-42-5	Styrene	1.3	U
75-25-2	Bromoform	1.3	U
98-82-8	Isopropylbenzene	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U
541-73-1	1,3-Dichlorobenzene	1.3	U
106-46-7	1,4-Dichlorobenzene	1.3	U
95-50-1	1,2-Dichlorobenzene	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	U
120-82-1	1,2,4-Trichlorobenzene	6.4	U
87-61-6	1,2,3-Trichlorobenzene	6.4	U
87-68-3	Hexachlorobutadiene	1.3	U
67-72-1	Hexachloroethane	2.6	U
91-20-3	Naphthalene	1.3 ~~0.56~~	~~JB~~ U
630-20-6	1,1,1,2-Tetrachloroethane	1.3	U
96-18-4	1,2,3-Trichloropropane	1.3	U

8/28/08

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K24

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.03

Sample wt/vol: 4.200 (g/mL) G Lab File ID: B16327

Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 7.2 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	11.16	6.6	~~JB~~N
02	000556-67-2	Cyclotetrasiloxane, octamethy	15.20	2.1	NJ
03					
04					
05					
06					
07					
08					
09					
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27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A	4.4	JN

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

Report All But PAHs

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K24

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.03

Sample wt/vol: 100.4 (g/mL) G Lab File ID: G0826

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 7.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	21	U
108-95-2	Phenol	21	U
111-44-4	Bis(2-chloroethyl)ether	21	U
95-57-8	2-Chlorophenol	21	U
95-48-7	2-Methylphenol	21	U
108-60-1	2,2'-Oxybis(1-chloropropane)	21	U
98-86-2	Acetophenone	21	U
106-44-5	4-Methylphenol	21	U
621-64-7	N-Nitroso-di-n-propylamine	21	U
67-72-1	Hexachloroethane	21	U
98-95-3	Nitrobenzene	21	U
78-59-1	Isophorone	21	U
88-75-5	2-Nitrophenol	21	U
105-67-9	2,4-Dimethylphenol	21	U
111-91-1	Bis(2-chloroethoxy)methane	21	U
120-83-2	2,4-Dichlorophenol	21	U
91-20-3	Naphthalene	21	U
106-47-8	4-Chloroaniline	21	U
87-68-3	Hexachlorobutadiene	21	U
105-60-2	Caprolactam	21	U
59-50-7	4-Chloro-3-methylphenol	21	U
91-57-6	2-Methylnaphthalene	21	U
77-47-4	Hexachlorocyclopentadiene	54	UJ
88-06-2	2,4,6-Trichlorophenol	21	U
95-95-4	2,4,5-Trichlorophenol	21	U
92-52-4	1,1'-Biphenyl	21	U
91-58-7	2-Chloronaphthalene	21	U
88-74-4	2-Nitroaniline	43	U
131-11-3	Dimethylphthalate	21	U
606-20-2	2,6-Dinitrotoluene	21	U
208-96-8	Acenaphthylene	21	U
99-09-2	3-Nitroaniline	43	U
83-32-9	Acenaphthene	21	U
51-28-5	2,4-Dinitrophenol	110	UJ
100-02-7	4-Nitrophenol	43	U
132-64-9	Dibenzofuran	21	U
121-14-2	2,4-Dinitrotoluene	21	U

SOM01.2 (6/2007) 9/3/08

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K24

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.03

Sample wt/vol: 100.4 (g/mL) G Lab File ID: G0826

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 7.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	21	U
86-73-7	Fluorene	21	U
7005-72-3	4-Chlorophenyl-phenylether	21	U
100-01-6	4-Nitroaniline	43	U
534-52-1	4,6-Dinitro-2-methylphenol	43	U
86-30-6	N-Nitrosodiphenylamine 1	21	U
95-94-3	1,2,4,5-Tetrachlorobenzene	21	U
101-55-3	4-Bromophenyl-phenylether	21	U
118-74-1	Hexachlorobenzene	21	U
1912-24-9	Atrazine	21	U
87-86-5	Pentachlorophenol	21	UJ
85-01-8	Phenanthrene	21	U
120-12-7	Anthracene	21	U
86-74-8	Carbazole	21	U
84-74-2	Di-n-butylphthalate	21	U
206-44-0	Fluoranthene	21	U
129-00-0	Pyrene	21	U
85-68-7	Butylbenzylphthalate	21	U
91-94-1	3,3'-Dichlorobenzidine	21	U
56-55-3	Benzo(a)anthracene	21	U
218-01-9	Chrysene	21	U
117-81-7	Bis(2-ethylhexyl)phthalate	82	
117-84-0	Di-n-octylphthalate	21	U
205-99-2	Benzo(b)fluoranthene	21	U
207-08-9	Benzo(k)fluoranthene	21	U
50-32-8	Benzo(a)pyrene	21	U
193-39-5	Indeno(1,2,3-cd)pyrene	21	U
53-70-3	Dibenzo(a,h)anthracene	21	U
191-24-2	Benzo(g,h,i)perylene	21	U
58-90-2	2,3,4,6-Tetrachlorophenol	21	U
92-87-5	Benzidine	21	U
95-50-1	1,2-Dichlorobenzene	21	U
106-46-7	1,4-Dichlorobenzene	21	U
541-73-1	1,3-Dichlorobenzene	21	U
62-75-9	N-Nitrosodimethylamine	21	U
95-63-6	1,2,4-Trimethylbenzene	21	U
108-67-8	1,3,5-Trimethylbenzene	21	U

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007) 9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K24

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.03

Sample wt/vol: 100.4 (g/mL) G Lab File ID: G0826

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 7.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.76	52	~~J~~N
02		Unknown-02	3.09	160	J
03		Unknown-03	3.64	45	J
04		Unknown-04	4.17	150	J
05		Unknown-05	4.41	83	J
06		Unknown-06	4.67	79	J
07		Unknown-07	4.91	86	J
08		Unknown-08	8.09	76	J
09	1000157-89-9	p-menth-1-en-8-ol	8.60	62	NJ
10		Unknown-09	10.08	84	JN
11	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.27	240	NJ
12		Unknown-10	10.57	71	JN
13		Unknown-11	12.62	63	JN
14	000123-95-5	Octadecanoic acid, butyl este	16.63	75	NJ
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K24

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.03

Sample wt/vol: 100.4 (g/mL) G Lab File ID: G0920

Extraction: (Type) SONC

% Moisture: 7.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	0.71	J Q
91-57-6	2-Methylnaphthalene	1.1	U
208-96-8	Acenaphthylene	1.1	U
83-32-9	Acenaphthene	1.1	U
86-73-7	Fluorene	1.1	U
87-86-5	Pentachlorophenol	2.1	U
85-01-8	Phenanthrene	[1] ~~0.65~~	~~J~~ U
120-12-7	Anthracene	1.1	U
206-44-0	Fluoranthene	1.1	U
129-00-0	Pyrene	0.60	J Q
56-55-3	Benzo(a)anthracene	1.1	U
218-01-9	Chrysene	0.59	J Q
205-99-2	Benzo(b)fluoranthene	1.1	UJ
207-08-9	Benzo(k)fluoranthene	1.1	UJ
50-32-8	Benzo(a)pyrene	0.69	J Q
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	
53-70-3	Dibenzo(a,h)anthracene	1.2	
191-24-2	Benzo(g,h,i)perylene	1.5	

[1] Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08 01321

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K25

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.04

Sample wt/vol: 3.700 (g/mL) G Lab File ID: B16314

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 5.4 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.4	U
74-87-3	Chloromethane	1.4	U
75-01-4	Vinyl chloride	1.4	U
74-83-9	Bromomethane	1.4	U
75-00-3	Chloroethane	1.4	U
75-69-4	Trichlorofluoromethane	1.4	U
75-35-4	1,1-Dichloroethene	1.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	U
67-64-1	Acetone	7.1	U
75-15-0	Carbon disulfide	1.4	U
79-20-9	Methyl acetate	1.4	U
75-09-2	Methylene chloride	1.4 ~~0.66~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.4	U
1634-04-4	Methyl tert-butyl ether	1.4	U
75-34-3	1,1-Dichloroethane	1.4	U
156-59-2	cis-1,2-Dichloroethene	1.4	U
78-93-3	2-Butanone	7.1	U
74-97-5	Bromochloromethane	1.4	U
67-66-3	Chloroform	1.4	U
71-55-6	1,1,1-Trichloroethane	1.4	U
110-82-7	Cyclohexane	1.4	U
56-23-5	Carbon tetrachloride	1.4	U
71-43-2	Benzene	1.4	U
107-06-2	1,2-Dichloroethane	1.4	U
123-91-1	1,4-Dioxane	140	U
79-01-6	Trichloroethene	1.4	U
108-87-2	Methylcyclohexane	1.4	U
78-87-5	1,2-Dichloropropane	1.4	U
75-27-4	Bromodichloromethane	1.4	U
10061-01-5	cis-1,3-Dichloropropene	1.4	U
108-10-1	4-Methyl-2-pentanone	7.1	U
108-88-3	Toluene	0.78	J Q
10061-02-6	trans-1,3-Dichloropropene	1.4	U
79-00-5	1,1,2-Trichloroethane	1.4	U

3/28/08

SOM01.2 (6/2007)

00078

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K25

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.04

Sample wt/vol: 3.700 (g/mL) G Lab File ID: B16314

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 5.4 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.4	U
591-78-6	2-Hexanone	7.1	UJ
124-48-1	Dibromochloromethane	1.4	U
106-93-4	1,2-Dibromoethane	1.4	U
108-90-7	Chlorobenzene	1.4	U
100-41-4	Ethylbenzene	6.7	
95-47-6	o-Xylene	11	
179601-23-1	m,p-Xylene	43	
100-42-5	Styrene	1.4	U
75-25-2	Bromoform	1.4	U
98-82-8	Isopropylbenzene	1.7	
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U
541-73-1	1,3-Dichlorobenzene	1.4	U
106-46-7	1,4-Dichlorobenzene	1.4	U
95-50-1	1,2-Dichlorobenzene	1.4	U
96-12-8	1,2-Dibromo-3-chloropropane	1.4	U
120-82-1	1,2,4-Trichlorobenzene	7.1	U
87-61-6	1,2,3-Trichlorobenzene	7.1	U
87-68-3	Hexachlorobutadiene	1.4	U
67-72-1	Hexachloroethane	2.9	U
91-20-3	Naphthalene	3.8	U
630-20-6	1,1,1,2-Tetrachloroethane	1.4	U
96-18-4	1,2,3-Trichloropropane	1.4	U

R 6/28/08

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K25

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.04

Sample wt/vol: 3.700 (g/mL) G Lab File ID: B16314

Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 5.4 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	3.50	5.9	JN
02		Unknown-02	3.93	3.3	J
03		Unknown-03	5.95	3.1	J
04		Unknown-04	11.17	8.7	J
05	000103-65-1	Benzene, propyl-	15.30	24	NJ
06	000611-14-3	Benzene, 1-ethyl-2-methyl-	15.48	180	NJ
07	000526-73-8	Benzene, 1,2,3-trimethyl-	15.67	65	NJ
08		Unknown-05	16.02	25	JN
09	000095-63-6	Benzene, 1,2,4-trimethyl-	16.34	130	NJ
10	000527-84-4	Benzene, 1-methyl-2-(1-methyl	16.77	3.7	NJ
11	000496-11-7	Indane	17.33	4.2	NJ
12	000135-01-3	Benzene, 1,2-diethyl-	17.37	3.5	NJ
13	001074-17-5	Benzene, 1-methyl-2-propyl-	17.45	5.7	NJ
14		Unknown-06	17.51	4.3	JN
15		Unknown-07	17.57	11	JN
16	001074-55-1	Benzene, 1-methyl-4-propyl-	17.91	2.5	NJ
17	000535-77-3	Benzene, 1-methyl-3-(1-methyl	18.11	8.8	NJ
18	000874-41-9	Benzene, 1-ethyl-2,4-dimethyl	18.24	7.9	NJ
19					
20					
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29					
30					
	E9667961	Total Alkanes	N/A	6.9	JN

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

00072

Report All except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K25

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.04

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0827

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.4 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	21	U
108-95-2	Phenol	21	U
111-44-4	Bis(2-chloroethyl)ether	21	U
95-57-8	2-Chlorophenol	21	U
95-48-7	2-Methylphenol	21	U
108-60-1	2,2'-Oxybis(1-chloropropane)	21	U
98-86-2	Acetophenone	21	U
106-44-5	4-Methylphenol	21	U
621-64-7	N-Nitroso-di-n-propylamine	21	U
67-72-1	Hexachloroethane	21	U
98-95-3	Nitrobenzene	21	U
78-59-1	Isophorone	21	U
88-75-5	2-Nitrophenol	21	U
105-67-9	2,4-Dimethylphenol	21	U
111-91-1	Bis(2-chloroethoxy)methane	21	U
120-83-2	2,4-Dichlorophenol	21	U
91-20-3	Naphthalene	21	U
106-47-8	4-Chloroaniline	21	U
87-68-3	Hexachlorobutadiene	21	U
105-60-2	Caprolactam	21	U
59-50-7	4-Chloro-3-methylphenol	21	U
91-57-6	2-Methylnaphthalene	21	U
77-47-4	Hexachlorocyclopentadiene	53	UJ
88-06-2	2,4,6-Trichlorophenol	21	U
95-95-4	2,4,5-Trichlorophenol	21	U
92-52-4	1,1'-Biphenyl	21	U
91-58-7	2-Chloronaphthalene	21	U
88-74-4	2-Nitroaniline	42	U
131-11-3	Dimethylphthalate	21	U
606-20-2	2,6-Dinitrotoluene	21	U
208-96-8	Acenaphthylene	21	U
99-09-2	3-Nitroaniline	42	U
83-32-9	Acenaphthene	21	U
51-28-5	2,4-Dinitrophenol	110	UJ
100-02-7	4-Nitrophenol	42	U
132-64-9	Dibenzofuran	21	U
121-14-2	2,4-Dinitrotoluene	21	U

SOM01.2 (6/2007) 9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K25

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.04

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0827

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.4 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	21	U
86-73-7	Fluorene	21	U
7005-72-3	4-Chlorophenyl-phenylether	21	U
100-01-6	4-Nitroaniline	42	U
534-52-1	4,6-Dinitro-2-methylphenol	42	U
86-30-6	N-Nitrosodiphenylamine 1	21	U
95-94-3	1,2,4,5-Tetrachlorobenzene	21	U
101-55-3	4-Bromophenyl-phenylether	21	U
118-74-1	Hexachlorobenzene	21	U
1912-24-9	Atrazine	21	U
87-86-5	Pentachlorophenol	21	UJ
85-01-8	Phenanthrene	21	U
120-12-7	Anthracene	21	U
86-74-8	Carbazole	21	U
84-74-2	Di-n-butylphthalate	21	U
206-44-0	Fluoranthene	21	U
129-00-0	Pyrene	21	U
85-68-7	Butylbenzylphthalate	21	U
91-94-1	3,3'-Dichlorobenzidine	21	U
56-55-3	Benzo(a)anthracene	21	U
218-01-9	Chrysene	21	U
117-81-7	Bis(2-ethylhexyl)phthalate	100	
117-84-0	Di-n-octylphthalate	21	U
205-99-2	Benzo(b)fluoranthene	21	U
207-08-9	Benzo(k)fluoranthene	21	U
50-32-8	Benzo(a)pyrene	21	U
193-39-5	Indeno(1,2,3-cd)pyrene	21	U
53-70-3	Dibenzo(a,h)anthracene	21	U
191-24-2	Benzo(g,h,i)perylene	21	U
58-90-2	2,3,4,6-Tetrachlorophenol	21	U
92-87-5	Benzidine	21	U
95-50-1	1,2-Dichlorobenzene	21	U
106-46-7	1,4-Dichlorobenzene	21	U
541-73-1	1,3-Dichlorobenzene	21	U
62-75-9	N-Nitrosodimethylamine	21	U
95-63-6	1,2,4-Trimethylbenzene	21	U
108-67-8	1,3,5-Trimethylbenzene	21	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K25

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.04

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0827

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.4 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	63	JN
02		Unknown-02	2.58	48	J
03		Unknown-03	3.09	170	J
04		Unknown-04	4.17	84	J
05		Unknown-05	4.21	51	J
06		Unknown-06	4.40	62	J
07		Unknown-07	4.67	64	J
08		Unknown-08	4.91	80	J
09		Unknown-09	8.09	89	J
10	010482-56-1	3-Cyclohexene-1-methanol, .al	8.60	71	NJ
11		Unknown-10	10.09	100	JN
12	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.27	280	NJ
13		Unknown-11	10.58	81	JN
14	000123-95-5	Octadecanoic acid, butyl este	16.63	56	NJ
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30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K25

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.04

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0921

Extraction: (Type) SONC

% Moisture: 5.4 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	0.61	J Q
91-57-6	2-Methylnaphthalene	1.1	U
208-96-8	Acenaphthylene	1.1	U
83-32-9	Acenaphthene	1.1	U
86-73-7	Fluorene	1.1	U
87-86-5	Pentachlorophenol	2.1	U
85-01-8	Phenanthrene	1.1	U
120-12-7	Anthracene	1.1	U
206-44-0	Fluoranthene	1.1	U
129-00-0	Pyrene	1.1	U
56-55-3	Benzo(a)anthracene	1.1	U
218-01-9	Chrysene	1.1	U
205-99-2	Benzo(b)fluoranthene	1.1	U J
207-08-9	Benzo(k)fluoranthene	1.1	U J
50-32-8	Benzo(a)pyrene	0.53	J Q
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	
53-70-3	Dibenzo(a,h)anthracene	1.1	
191-24-2	Benzo(g,h,i)perylene	1.4	

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/2/08 01999

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K26

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.05

Sample wt/vol: 4.200 (g/mL) G Lab File ID: B16315

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 5.2 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.3	U
74-87-3	Chloromethane	1.3	U
75-01-4	Vinyl chloride	1.3	U
74-83-9	Bromomethane	1.3	U
75-00-3	Chloroethane	1.3	U
75-69-4	Trichlorofluoromethane	1.3	U
75-35-4	1,1-Dichloroethene	1.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	U
67-64-1	Acetone	6.3	U
75-15-0	Carbon disulfide	1.3	U
79-20-9	Methyl acetate	1.3	U
75-09-2	Methylene chloride	1.3 ~~0.60~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.3	U
1634-04-4	Methyl tert-butyl ether	1.3	U
75-34-3	1,1-Dichloroethane	1.3	U
156-59-2	cis-1,2-Dichloroethene	1.3	U
78-93-3	2-Butanone	6.3	U
74-97-5	Bromochloromethane	1.3	U
67-66-3	Chloroform	1.3	U
71-55-6	1,1,1-Trichloroethane	1.3	U
110-82-7	Cyclohexane	1.3	U
56-23-5	Carbon tetrachloride	1.3	U
71-43-2	Benzene	1.3	U
107-06-2	1,2-Dichloroethane	1.3	U
123-91-1	1,4-Dioxane	130	U
79-01-6	Trichloroethene	1.3	U
108-87-2	Methylcyclohexane	1.3	U
78-87-5	1,2-Dichloropropane	1.3	U
75-27-4	Bromodichloromethane	1.3	U
10061-01-5	cis-1,3-Dichloropropene	1.3	U
108-10-1	4-Methyl-2-pentanone	6.3	U
108-88-3	Toluene	0.46	J Q
10061-02-6	trans-1,3-Dichloropropene	1.3	U
79-00-5	1,1,2-Trichloroethane	1.3	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K26

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.05

Sample wt/vol: 4.200 (g/mL) G Lab File ID: B16315

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 5.2 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.3	U
591-78-6	2-Hexanone	6.3	UJ
124-48-1	Dibromochloromethane	1.3	U
106-93-4	1,2-Dibromoethane	1.3	U
108-90-7	Chlorobenzene	1.3	U
100-41-4	Ethylbenzene	1.3	U
95-47-6	o-Xylene	1.3	U
179601-23-1	m,p-Xylene	1.3	U
100-42-5	Styrene	1.3	U
75-25-2	Bromoform	1.3	U
98-82-8	Isopropylbenzene	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U
541-73-1	1,3-Dichlorobenzene	1.3	U
106-46-7	1,4-Dichlorobenzene	1.3	U
95-50-1	1,2-Dichlorobenzene	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	U
120-82-1	1,2,4-Trichlorobenzene	6.3	U
87-61-6	1,2,3-Trichlorobenzene	6.3	U
87-68-3	Hexachlorobutadiene	1.3	U
67-72-1	Hexachloroethane	2.5	U
91-20-3	Naphthalene	2.7	U
630-20-6	1,1,1,2-Tetrachloroethane	1.3	U
96-18-4	1,2,3-Trichloropropane	1.3	U

8/28/08

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K26

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.05

Sample wt/vol: 4.200 (g/mL) G Lab File ID: B16315

Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 5.2 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	3.79	3.0	JN
02		Unknown-02	4.58	4.5	J
03		Unknown-03	9.65	2.5	J
04	000541-05-9	Cyclotrisiloxane, hexamethyl-	11.11	7.1	NJ
05		Unknown-04	11.17	7.1	JN
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30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/28/08

Report All but PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K26

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.05

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0828

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.8 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	21	U
108-95-2	Phenol	21	U
111-44-4	Bis(2-chloroethyl)ether	21	U
95-57-8	2-Chlorophenol	21	U
95-48-7	2-Methylphenol	21	U
108-60-1	2,2'-Oxybis(1-chloropropane)	21	U
98-86-2	Acetophenone	21	U
106-44-5	4-Methylphenol	21	U
621-64-7	N-Nitroso-di-n-propylamine	21	U
67-72-1	Hexachloroethane	21	U
98-95-3	Nitrobenzene	21	U
78-59-1	Isophorone	21	U
88-75-5	2-Nitrophenol	21	U
105-67-9	2,4-Dimethylphenol	21	U
111-91-1	Bis(2-chloroethoxy)methane	21	U
120-83-2	2,4-Dichlorophenol	21	U
91-20-3	Naphthalene	21	U
106-47-8	4-Chloroaniline	21	U
87-68-3	Hexachlorobutadiene	21	U
105-60-2	Caprolactam	21	U
59-50-7	4-Chloro-3-methylphenol	21	U
91-57-6	2-Methylnaphthalene	21	U
77-47-4	Hexachlorocyclopentadiene	53	UJ
88-06-2	2,4,6-Trichlorophenol	21	U
95-95-4	2,4,5-Trichlorophenol	21	U
92-52-4	1,1'-Biphenyl	21	U
91-58-7	2-Chloronaphthalene	21	U
88-74-4	2-Nitroaniline	42	U
131-11-3	Dimethylphthalate	21	U
606-20-2	2,6-Dinitrotoluene	21	U
208-96-8	Acenaphthylene	21	U
99-09-2	3-Nitroaniline	42	U
83-32-9	Acenaphthene	21	U
51-28-5	2,4-Dinitrophenol	110	UJ
100-02-7	4-Nitrophenol	42	U
132-64-9	Dibenzofuran	21	U
121-14-2	2,4-Dinitrotoluene	21	U

SOM01.2 (6/2007) 9/3/08

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K26

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.05

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0828

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.8 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)UG/KG	Q
84-66-2	Diethylphthalate	21	U
86-73-7	Fluorene	21	U
7005-72-3	4-Chlorophenyl-phenylether	21	U
100-01-6	4-Nitroaniline	42	U
534-52-1	4,6-Dinitro-2-methylphenol	42	U
86-30-6	N-Nitrosodiphenylamine 1	21	U
95-94-3	1,2,4,5-Tetrachlorobenzene	21	U
101-55-3	4-Bromophenyl-phenylether	21	U
118-74-1	Hexachlorobenzene	21	U
1912-24-9	Atrazine	21	U
87-86-5	Pentachlorophenol	21	UJ
85-01-8	Phenanthrene	21	U
120-12-7	Anthracene	21	U
86-74-8	Carbazole	21	U
84-74-2	Di-n-butylphthalate	21	U
206-44-0	Fluoranthene	21	U
129-00-0	Pyrene	21	U
85-68-7	Butylbenzylphthalate	21	U
91-94-1	3,3'-Dichlorobenzidine	21	U
56-55-3	Benzo(a)anthracene	21	U
218-01-9	Chrysene	21	U
117-81-7	Bis(2-ethylhexyl)phthalate	75	
117-84-0	Di-n-octylphthalate	21	U
205-99-2	Benzo(b)fluoranthene	21	U
207-08-9	Benzo(k)fluoranthene	21	U
50-32-8	Benzo(a)pyrene	21	U
193-39-5	Indeno(1,2,3-cd)pyrene	21	U
53-70-3	Dibenzo(a,h)anthracene	21	U
191-24-2	Benzo(g,h,i)perylene	21	U
58-90-2	2,3,4,6-Tetrachlorophenol	21	U
92-87-5	Benzidine	21	U
95-50-1	1,2-Dichlorobenzene	21	U
106-46-7	1,4-Dichlorobenzene	21	U
541-73-1	1,3-Dichlorobenzene	21	U
62-75-9	N-Nitrosodimethylamine	21	U
95-63-6	1,2,4-Trimethylbenzene	21	U
108-67-8	1,3,5-Trimethylbenzene	21	U

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007) 9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K26

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.05

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0828

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.8 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	67	JN
02		Unknown-02	2.46	46	J
03		Unknown-03	2.58	53	J
04		Unknown-04	3.09	160	J
05		Unknown-05	3.64	47	J
06		Unknown-06	4.17	90	J
07		Unknown-07	4.21	54	J
08		Unknown-08	4.40	61	J
09		Unknown-09	4.67	68	J
10		Unknown-10	4.91	83	J
11		Unknown-11	8.09	47	J
12		Unknown-12	10.09	92	J
13	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.26	200	NJ
14		Unknown-13	10.57	52	JN
15					
16					
17					
18					
19					
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22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/2/09

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K26

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.05

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0922

Extraction: (Type) SONC

% Moisture: 5.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 5.8 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	0.58	JQ
91-57-6	2-Methylnaphthalene	1.1	U
208-96-8	Acenaphthylene	1.1	U
83-32-9	Acenaphthene	1.1	U
86-73-7	Fluorene	1.1	U
87-86-5	Pentachlorophenol	2.1	U
85-01-8	Phenanthrene	1.1	U
120-12-7	Anthracene	1.1	U
206-44-0	Fluoranthene	1.1	U
129-00-0	Pyrene	1.1	U
56-55-3	Benzo(a)anthracene	1.1	U
218-01-9	Chrysene	1.1	U
205-99-2	Benzo(b)fluoranthene	1.1	UJ
207-08-9	Benzo(k)fluoranthene	1.1	UJ
50-32-8	Benzo(a)pyrene	0.74	JQ
193-39-5	Indeno(1,2,3-cd)pyrene	1.8	
53-70-3	Dibenzo(a,h)anthracene	1.6	
191-24-2	Benzo(g,h,i)perylene	1.9	

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/2/08 D1935

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K27

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.06

Sample wt/vol: 4.700 (g/mL) G Lab File ID: B16316

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 15 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.3	U
74-87-3	Chloromethane	1.3	U
75-01-4	Vinyl chloride	1.3	U
74-83-9	Bromomethane	1.3	U
75-00-3	Chloroethane	1.3	U
75-69-4	Trichlorofluoromethane	1.3	U
75-35-4	1,1-Dichloroethene	1.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	U
67-64-1	Acetone	21	
75-15-0	Carbon disulfide	1.3	U
79-20-9	Methyl acetate	1.3	U
75-09-2	Methylene chloride	~~0.72~~ 1.3	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.3	U
1634-04-4	Methyl tert-butyl ether	1.3	U
75-34-3	1,1-Dichloroethane	1.3	U
156-59-2	cis-1,2-Dichloroethene	1.3	U
78-93-3	2-Butanone	6.3	U
74-97-5	Bromochloromethane	1.3	U
67-66-3	Chloroform	1.3	U
71-55-6	1,1,1-Trichloroethane	1.3	U
110-82-7	Cyclohexane	1.3	U
56-23-5	Carbon tetrachloride	1.3	U
71-43-2	Benzene	1.3	U
107-06-2	1,2-Dichloroethane	1.3	U
123-91-1	1,4-Dioxane	130	U
79-01-6	Trichloroethene	1.3	U
108-87-2	Methylcyclohexane	1.3	U
78-87-5	1,2-Dichloropropane	1.3	U
75-27-4	Bromodichloromethane	1.3	U
10061-01-5	cis-1,3-Dichloropropene	1.3	U
108-10-1	4-Methyl-2-pentanone	6.3	U
108-88-3	Toluene	1.2	J Q
10061-02-6	trans-1,3-Dichloropropene	1.3	U
79-00-5	1,1,2-Trichloroethane	1.3	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K27

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.06

Sample wt/vol: 4.700 (g/mL) G Lab File ID: B16316

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 15 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.3	U
591-78-6	2-Hexanone	6.3	UJ
124-48-1	Dibromochloromethane	1.3	U
106-93-4	1,2-Dibromoethane	1.3	U
108-90-7	Chlorobenzene	1.3	U
100-41-4	Ethylbenzene	1.3	U
95-47-6	o-Xylene	1.3	U
179601-23-1	m,p-Xylene	1.3	U
100-42-5	Styrene	1.3	U
75-25-2	Bromoform	1.3	U
98-82-8	Isopropylbenzene	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U
541-73-1	1,3-Dichlorobenzene	1.3	U
106-46-7	1,4-Dichlorobenzene	1.3	U
95-50-1	1,2-Dichlorobenzene	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	U
120-82-1	1,2,4-Trichlorobenzene	6.3	U
87-61-6	1,2,3-Trichlorobenzene	6.3	U
87-68-3	Hexachlorobutadiene	1.3	U
67-72-1	Hexachloroethane	2.5	U
91-20-3	Naphthalene	2.3	U
630-20-6	1,1,1,2-Tetrachloroethane	1.3	U
96-18-4	1,2,3-Trichloropropane	1.3	U

8/28/08

SOM01.2 (6/2007)

00127

BREMERTON-013812

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K27

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.06

Sample wt/vol: 4.700 (g/mL) G Lab File ID: B16316

Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 15 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	3.45	3.5	JN
02		Unknown-02	3.91	2.4	J
03		Unknown-03	6.18	4.8	J
04		Unknown-04	11.17	8.0	J
05					
06					
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08					
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30					
	E966796[1]	Total Alkanes	N/A	5.0	JN

[1] EPA-designated Registry Number.

SOMC1.2 (6/2007)

8/28/08

Repeat All except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K27

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.06

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0829

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	23	U
108-95-2	Phenol	23	U
111-44-4	Bis(2-chloroethyl)ether	23	U
95-57-8	2-Chlorophenol	23	U
95-48-7	2-Methylphenol	23	U
108-60-1	2,2'-Oxybis(1-chloropropane)	23	U
98-86-2	Acetophenone	23	U
106-44-5	4-Methylphenol	23	U
621-64-7	N-Nitroso-di-n-propylamine	23	U
67-72-1	Hexachloroethane	23	U
98-95-3	Nitrobenzene	23	U
78-59-1	Isophorone	23	U
88-75-5	2-Nitrophenol	23	U
105-67-9	2,4-Dimethylphenol	23	U
111-91-1	Bis(2-chloroethoxy)methane	23	U
120-83-2	2,4-Dichlorophenol	23	U
91-20-3	Naphthalene	23	U
106-47-8	4-Chloroaniline	23	U
87-68-3	Hexachlorobutadiene	23	U
105-60-2	Caprolactam	23	U
59-50-7	4-Chloro-3-methylphenol	23	U
91-57-6	2-Methylnaphthalene	23	U
77-47-4	Hexachlorocyclopentadiene	59	UJ
88-06-2	2,4,6-Trichlorophenol	23	U
95-95-4	2,4,5-Trichlorophenol	23	U
92-52-4	1,1'-Biphenyl	23	U
91-58-7	2-Chloronaphthalene	23	U
88-74-4	2-Nitroaniline	47	U
131-11-3	Dimethylphthalate	23	U
606-20-2	2,6-Dinitrotoluene	23	U
208-96-8	Acenaphthylene	23	U
99-09-2	3-Nitroaniline	47	U
83-32-9	Acenaphthene	23	U
51-28-5	2,4-Dinitrophenol	120	UJ
100-02-7	4-Nitrophenol	47	U
132-64-9	Dibenzofuran	23	U
121-14-2	2,4-Dinitrotoluene	23	U

SOM01.2 (6/2007) 9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K27

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.06

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0829

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	23	U
86-73-7	Fluorene	23	U
7005-72-3	4-Chlorophenyl-phenylether	23	U
100-01-6	4-Nitroaniline	47	U
534-52-1	4,6-Dinitro-2-methylphenol	47	U
86-30-6	N-Nitrosodiphenylamine 1	23	U
95-94-3	1,2,4,5-Tetrachlorobenzene	23	U
101-55-3	4-Bromophenyl-phenylether	23	U
118-74-1	Hexachlorobenzene	23	U
1912-24-9	Atrazine	23	U
87-86-5	Pentachlorophenol	23	UJ
85-01-8	Phenanthrene	23	U
120-12-7	Anthracene	23	U
86-74-8	Carbazole	23	U
84-74-2	Di-n-butylphthalate	23	U
206-44-0	Fluoranthene	23	U
129-00-0	Pyrene	23	U
85-68-7	Butylbenzylphthalate	23	U
91-94-1	3,3'-Dichlorobenzidine	23	U
56-55-3	Benzo(a)anthracene	23	U
218-01-9	Chrysene	23	U
117-81-7	Bis(2-ethylhexyl)phthalate	93	
117-84-0	Di-n-octylphthalate	23	U
205-99-2	Benzo(b)fluoranthene	23	U
207-08-9	Benzo(k)fluoranthene	23	U
50-32-8	Benzo(a)pyrene	23	U
193-39-5	Indeno(1,2,3-cd)pyrene	23	U
53-70-3	Dibenzo(a,h)anthracene	23	U
191-24-2	Benzo(g,h,i)perylene	23	U
58-90-2	2,3,4,6-Tetrachlorophenol	23	U
92-87-5	Benzidine	23	U
95-50-1	1,2-Dichlorobenzene	23	U
106-46-7	1,4-Dichlorobenzene	23	U
541-73-1	1,3-Dichlorobenzene	23	U
62-75-9	N-Nitrosodimethylamine	23	U
95-63-6	1,2,4-Trimethylbenzene	23	U
108-67-8	1,3,5-Trimethylbenzene	23	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K27

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.06

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0829

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.27	56	JBN
02		Unknown-02	2.58	49	J
03		Unknown-03	3.09	180	J
04		Unknown-04	3.64	51	J
05		Unknown-05	4.17	160	J
06		Unknown-06	4.40	88	J
07		Unknown-07	4.67	84	J
08		Unknown-08	4.91	100	J
09		Unknown-09	8.09	49	J
10		Unknown-10	10.04	68	J
11	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.26	210	NJ
12		Unknown-11	10.57	64	JN
13		Unknown-12	11.17	61	JN
14					
15					
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22					
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26					
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28					
29					
30					
	E966796[2]	Total Alkanes	N/A	130	JN

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K27

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.06

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0923

Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	0.72	J Q
91-57-6	2-Methylnaphthalene	1.2	U
208-96-8	Acenaphthylene	1.2	U
83-32-9	Acenaphthene	1.2	U
86-73-7	Fluorene	1.2	U
87-86-5	Pentachlorophenol	2.3	U
85-01-8	Phenanthrene	1.2	U
120-12-7	Anthracene	1.2	U
206-44-0	Fluoranthene	1.2	U
129-00-0	Pyrene	1.2	U
56-55-3	Benzo(a)anthracene	1.2	U
218-01-9	Chrysene	1.2	U
205-99-2	Benzo(b)fluoranthene	1.2	UJ
207-08-9	Benzo(k)fluoranthene	1.2	UJ
50-32-8	Benzo(a)pyrene	1.2	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	J Q
53-70-3	Dibenzo(a,h)anthracene	0.88	J Q
191-24-2	Benzo(g,h,i)perylene	1.1	J Q

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K28

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.07

Sample wt/vol: 4.900 (g/mL) G Lab File ID: B16317

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 7.2 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.1	U
74-87-3	Chloromethane	1.1	U
75-01-4	Vinyl chloride	1.1	U
74-83-9	Bromomethane	1.1	U
75-00-3	Chloroethane	1.1	U
75-69-4	Trichlorofluoromethane	1.1	U
75-35-4	1,1-Dichloroethene	1.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.1	U
67-64-1	Acetone	9.5	
75-15-0	Carbon disulfide	1.1	U
79-20-9	Methyl acetate	1.1	U
75-09-2	Methylene chloride	1.1 ~~0.56~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.1	U
1634-04-4	Methyl tert-butyl ether	1.1	U
75-34-3	1,1-Dichloroethane	1.1	U
156-59-2	cis-1,2-Dichloroethene	1.1	U
78-93-3	2-Butanone	5.5	U
74-97-5	Bromochloromethane	1.1	U
67-66-3	Chloroform	1.1	U
71-55-6	1,1,1-Trichloroethane	1.1	U
110-82-7	Cyclohexane	1.1	U
56-23-5	Carbon tetrachloride	1.1	U
71-43-2	Benzene	1.1	U
107-06-2	1,2-Dichloroethane	1.1	U
123-91-1	1,4-Dioxane	110	U
79-01-6	Trichloroethene	1.1	U
108-87-2	Methylcyclohexane	1.1	U
78-87-5	1,2-Dichloropropane	1.1	U
75-27-4	Bromodichloromethane	1.1	U
10061-01-5	cis-1,3-Dichloropropene	1.1	U
108-10-1	4-Methyl-2-pentanone	5.5	U
108-88-3	Toluene	0.48	J Q
10061-02-6	trans-1,3-Dichloropropene	1.1	U
79-00-5	1,1,2-Trichloroethane	1.1	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K28

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.07

Sample wt/vol: 4.900 (g/mL) G Lab File ID: B16317

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 7.2 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.1	U
591-78-6	2-Hexanone	5.5	UJ
124-48-1	Dibromochloromethane	1.1	U
106-93-4	1,2-Dibromoethane	1.1	U
108-90-7	Chlorobenzene	1.1	U
100-41-4	Ethylbenzene	1.1	U
95-47-6	o-Xylene	1.1	U
179601-23-1	m,p-Xylene	1.1	U
100-42-5	Styrene	1.1	U
75-25-2	Bromoform	1.1	U
98-82-8	Isopropylbenzene	1.1	U
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U
541-73-1	1,3-Dichlorobenzene	1.1	U
106-46-7	1,4-Dichlorobenzene	1.1	U
95-50-1	1,2-Dichlorobenzene	1.1	U
96-12-8	1,2-Dibromo-3-chloropropane	1.1	U
120-82-1	1,2,4-Trichlorobenzene	5.5	U
87-61-6	1,2,3-Trichlorobenzene	5.5	U
87-68-3	Hexachlorobutadiene	1.1	U
67-72-1	Hexachloroethane	2.2	U
91-20-3	Naphthalene	1.7	V
630-20-6	1,1,1,2-Tetrachloroethane	1.1	U
96-18-4	1,2,3-Trichloropropane	1.1	U

8/25/08

SOM01.2 (6/2007)

00145

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K28

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.07

Sample wt/vol: 4.900 (g/mL) G Lab File ID: B16317

Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 7.2 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	9.76	3.3	JN
02	000541-05-9	Cyclotrisiloxane, hexamethyl-	11.11	15	NJ
03		Unknown-02	11.17	4.5	JN
04		Unknown-03	19.37	3.2	JN
05					
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29					
30					
	E966796[1]	Total Alkanes	N/A	7.5	JN

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/23/08 88146

Report All except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K28

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.07

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0830

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 7.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 6.1 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	22	U
108-95-2	Phenol	22	U
111-44-4	Bis(2-chloroethyl)ether	22	U
95-57-8	2-Chlorophenol	22	U
95-48-7	2-Methylphenol	22	U
108-60-1	2,2'-Oxybis(1-chloropropane)	22	U
98-86-2	Acetophenone	22	U
106-44-5	4-Methylphenol	22	U
621-64-7	N-Nitroso-di-n-propylamine	22	U
67-72-1	Hexachloroethane	22	U
98-95-3	Nitrobenzene	22	U
78-59-1	Isophorone	22	U
88-75-5	2-Nitrophenol	22	U
105-67-9	2,4-Dimethylphenol	22	U
111-91-1	Bis(2-chloroethoxy)methane	22	U
120-83-2	2,4-Dichlorophenol	22	U
91-20-3	Naphthalene	22	U
106-47-8	4-Chloroaniline	22	U
87-68-3	Hexachlorobutadiene	22	U
105-60-2	Caprolactam	15	J
59-50-7	4-Chloro-3-methylphenol	22	U
91-57-6	2-Methylnaphthalene	22	U
77-47-4	Hexachlorocyclopentadiene	54	UJ
88-06-2	2,4,6-Trichlorophenol	22	U
95-95-4	2,4,5-Trichlorophenol	22	U
92-52-4	1,1'-Biphenyl	22	U
91-58-7	2-Chloronaphthalene	22	U
88-74-4	2-Nitroaniline	43	U
131-11-3	Dimethylphthalate	22	U
606-20-2	2,6-Dinitrotoluene	22	U
208-96-8	Acenaphthylene	22	U
99-09-2	3-Nitroaniline	43	U
83-32-9	Acenaphthene	22	U
51-28-5	2,4-Dinitrophenol	110	UJ
100-02-7	4-Nitrophenol	43	U
132-64-9	Dibenzofuran	22	U
121-14-2	2,4-Dinitrotoluene	22	U

SOM01.2 (6/2007) 9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K28

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.07

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0830

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 7.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 6.1 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	22	U
86-73-7	Fluorene	22	U
7005-72-3	4-Chlorophenyl-phenylether	22	U
100-01-6	4-Nitroaniline	43	U
534-52-1	4,6-Dinitro-2-methylphenol	43	U
86-30-6	N-Nitrosodiphenylamine 1	22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	22	U
101-55-3	4-Bromophenyl-phenylether	22	U
118-74-1	Hexachlorobenzene	22	U
1912-24-9	Atrazine	22	U
87-86-5	Pentachlorophenol	22	UJ
85-01-8	Phenanthrene	22	U
120-12-7	Anthracene	22	U
86-74-8	Carbazole	22	U
84-74-2	Di-n-butylphthalate	14	J Q
206-44-0	Fluoranthene	22	U
129-00-0	Pyrene	22	U
85-68-7	Butylbenzylphthalate	22	U
91-94-1	3,3'-Dichlorobenzidine	22	U
56-55-3	Benzo(a)anthracene	22	U
218-01-9	Chrysene	22	U
117-81-7	Bis(2-ethylhexyl)phthalate	83	
117-84-0	Di-n-octylphthalate	22	U
205-99-2	Benzo(b)fluoranthene	22	U
207-08-9	Benzo(k)fluoranthene	22	U
50-32-8	Benzo(a)pyrene	22	U
193-39-5	Indeno(1,2,3-cd)pyrene	22	U
53-70-3	Dibenzo(a,h)anthracene	22	U
191-24-2	Benzo(g,h,i)perylene	22	U
58-90-2	2,3,4,6-Tetrachlorophenol	22	U
92-87-5	Benzidine	22	U
95-50-1	1,2-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
62-75-9	N-Nitrosodimethylamine	22	U
95-63-6	1,2,4-Trimethylbenzene	22	U
108-67-8	1,3,5-Trimethylbenzene	22	U

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007) 9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K28

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.07

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0830

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 7.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 6.1 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	60	JN
02		Unknown-02	2.31	68	J
03		Unknown-03	2.46	49	J
04		Unknown-04	3.09	180	J
05		Unknown-05	4.17	120	J
06		Unknown-06	4.41	66	J
07		Unknown-07	4.67	61	J
08		Unknown-08	4.91	120	J
09	005469-16-9	2(3H)-Furanone, dihydro-4-hyd	8.10	56	NJ
10		Unknown-09	8.60	72	JN
11		Unknown-10	10.07	59	JN
12	002451-01-6	Terpin Hydrate	10.27	240	NJ
13		Unknown-11	10.58	70	JN
14		Unknown-12	11.18	48	JN
15					
16					
17					
18					
19					
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22					
23					
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25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K28

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.07

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0924

Extraction: (Type) SONC

% Moisture: 7.2 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 6.1 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	1.3	
91-57-6	2-Methylnaphthalene	1.1 ~~0.60~~	~~J~~ U
208-96-8	Acenaphthylene	1.1	U
83-32-9	Acenaphthene	1.1	U
86-73-7	Fluorene	1.1	U
87-86-5	Pentachlorophenol	2.2	U
85-01-8	Phenanthrene	0.82	J Q
120-12-7	Anthracene	1.1	U
206-44-0	Fluoranthene	0.68	J Q
129-00-0	Pyrene	0.81	J Q
56-55-3	Benzo(a)anthracene	1.1	U
218-01-9	Chrysene	0.67	J Q
205-99-2	Benzo(b)fluoranthene	1.1	U J
207-08-9	Benzo(k)fluoranthene	1.1	U J
50-32-8	Benzo(a)pyrene	0.56	J Q
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	
53-70-3	Dibenzo(a,h)anthracene	0.92	J Q
191-24-2	Benzo(g,h,i)perylene	1.2	

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

Repoat

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K44

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06

Sample wt/vol: 5.600 (g/mL) G Lab File ID: B16308

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 11 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.0	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
67-64-1	Acetone	28	
75-15-0	Carbon disulfide	1.0	U
79-20-9	Methyl acetate	1.0	U
75-09-2	Methylene chloride	1.0 ~~0.66~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.0	U
1634-04-4	Methyl tert-butyl ether	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	1.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
110-82-7	Cyclohexane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
71-43-2	Benzene	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
123-91-1	1,4-Dioxane	100	U
79-01-6	Trichloroethene	1.0	U
108-87-2	Methylcyclohexane	3.8	
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	4.5	
10061-02-6	trans-1,3-Dichloropropene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K44

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06

Sample wt/vol: 5.600 (g/mL) G Lab File ID: B16308

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 11 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.0	U
591-78-6	2-Hexanone	5.0	UJ
124-48-1	Dibromochloromethane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	86	E
95-47-6	o-Xylene	94	E
179601-23-1	m,p-Xylene	72	E
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
98-82-8	Isopropylbenzene	7.8	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	1.0	U
67-72-1	Hexachloroethane	2.0	U
91-20-3	Naphthalene	830	E
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U
96-18-4	1,2,3-Trichloropropane	1.0	U

UKJ

→ Report from J8K44ME
9/17/08

8/28/08

BREMERTON-013826

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K44

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06

Sample wt/vol: 5.600 (g/mL) G Lab File ID: B16308

Level: (TRACE or LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 11 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	13.81	18	JN
02		Unknown-02	14.84	20	JN
03	000095-63-6	Benzene, 1,2,4-trimethyl-	15.49	47	NJ
04	000526-73-8	Benzene, 1,2,3-trimethyl-	15.67	17	NJ
05		Unknown-03	16.00	16	JN
06		Unknown-04	16.02	15	JN
07	000108-67-8	Benzene, 1,3,5-trimethyl-	16.35	50	NJ
08		Unknown-05	17.12	38	JN
09	000496-11-7	Indane	17.33	45	NJ
10		Unknown-06	17.45	15	JN
11		Unknown-07	17.57	16	JN
12		Unknown-08	17.58	22	JN
13	000095-13-6	Indene	17.90	80	NJ
14	000874-41-9	Benzene, 1-ethyl-2,4-dimethyl	18.12	25	NJ
15	000527-84-4	Benzene, 1-methyl-2-(1-methyl	18.25	19	NJ
16	1000152-47-3	trans-Decalin, 2-methyl-	18.35	14	NJ
17	007525-62-4	Benzene, 1-ethenyl-3-ethyl-	18.39	22	NJ
18	002958-75-0	1-Methyldecahydronaphthalene	18.72	17	NJ
19	000095-93-2	Benzene, 1,2,4,5-tetramethyl-	19.01	17	NJ
20	000488-23-3	Benzene, 1,2,3,4-tetramethyl-	19.10	19	NJ
21	056253-64-6	Benzene, (2-methyl-1-butenyl)	19.47	17	NJ
22		Unknown-09	19.79	25	JN
23	000527-53-7	Benzene, 1,2,35-tetramethyl-	19.86	23	NJ
24	065051-83-4	Benzene, (1-methyl-2-cyclopro	20.05	22	NJ
25	002177-47-1	2-Methylindene	20.30	18	NJ
26					
27					
28					
29					
30					
	E9667961	Total Alkanes	N/A	120	JN

[1] EPA-designated Registry Number.

3OMC1.2 (6/2007)

8/28/08 00165

~~DO NOT REPORT~~

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K44ME

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06ME

Sample wt/vol: 2.800 (g/mL) G Lab File ID: B16410

Level: (TRACE/LOW/MED) MED Date Received: 05/15/2008

% Moisture: not dec. 11 Date Analyzed: 05/26/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 1 (uL)

Purge Volume: 5.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11000	U
74-87-3	Chloromethane	11000	U
75-01-4	Vinyl chloride	11000	U
74-83-9	Bromomethane	11000	U
75-00-3	Chloroethane	11000	U
75-69-4	Trichlorofluoromethane	11000	U
75-35-4	1,1-Dichloroethene	11000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11000	U
67-64-1	Acetone	53000	U
75-15-0	Carbon disulfide	11000	U
79-20-9	Methyl acetate	11000	U
75-09-2	Methylene chloride	17000	~~U~~
156-60-5	trans-1,2-Dichloroethene	11000	U
1634-04-4	Methyl tert-butyl ether	11000	U
75-34-3	1,1-Dichloroethane	11000	U
156-59-2	cis-1,2-Dichloroethene	11000	U
78-93-3	2-Butanone	53000	U
74-97-5	Bromochloromethane	11000	U
67-66-3	Chloroform	11000	U
71-55-6	1,1,1-Trichloroethane	11000	U
110-82-7	Cyclohexane	11000	U
56-23-5	Carbon tetrachloride	11000	U
71-43-2	Benzene	11000	U
107-06-2	1,2-Dichloroethane	11000	U
123-91-1	1,4-Dioxane	1100000	U
79-01-6	Trichloroethene	11000	U
108-87-2	Methylcyclohexane	11000	U
78-87-5	1,2-Dichloropropane	11000	U
75-27-4	Bromodichloromethane	11000	U
10061-01-5	cis-1,3-Dichloropropene	11000	U
108-10-1	4-Methyl-2-pentanone	53000	U
108-88-3	Toluene	11000	U
10061-02-6	trans-1,3-Dichloropropene	11000	U
79-00-5	1,1,2-Trichloroethane	11000	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K44ME

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06ME

Sample wt/vol: 2.800 (g/mL) G Lab File ID: B16410

Level: (TRACE/LOW/MED) MED Date Received: 05/15/2008

% Moisture: not dec. 11 Date Analyzed: 05/26/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 1 (uL)

Purge Volume: 5.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	11000	U
591-78-6	2-Hexanone	53000	U
124-48-1	Dibromochloromethane	11000	U
106-93-4	1,2-Dibromoethane	11000	U
108-90-7	Chlorobenzene	11000	U
100-41-4	Ethylbenzene	11000	U
95-47-6	o-Xylene	11000	U
179601-23-1	m,p-Xylene	11000	U
100-42-5	Styrene	11000	U
75-25-2	Bromoform	11000	U
98-82-8	Isopropylbenzene	11000	U
79-34-5	1,1,2,2-Tetrachloroethane	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
96-12-8	1,2-Dibromo-3-chloropropane	11000	U
120-82-1	1,2,4-Trichlorobenzene	53000	U
87-61-6	1,2,3-Trichlorobenzene	53000	U
87-68-3	Hexachlorobutadiene	11000	U
67-72-1	Hexachloroethane	21000	U
91-20-3	Naphthalene	270000	~~B~~ → Report
630-20-6	1,1,1,2-Tetrachloroethane	11000	U
96-18-4	1,2,3-Trichloropropane	11000	U

9/17/08

8/29/08

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K44ME

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06ME

Sample wt/vol: 2.800 (g/mL) G Lab File ID: B16410

Level: (TRACE or LOW/MED) MED Date Received: 05/15/2008

% Moisture: not dec. 11 Date Analyzed: 05/26/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 5.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	4.53	37000	JN
02		Unknown-02	11.13	71000	JN
03	000095-63-6	Benzene, 1,2,4-trimethyl-	16.32	25000	NJ
04		Unknown-03	17.55	32000	JN
05	000095-13-6	Indene	17.87	32000	NJ
06	1000152-47-3	trans-Decalin, 2-methyl-	18.32	24000	NJ
07		Unknown-04	18.70	28000	JN
08	003333-13-9	Benzene, 1-methyl-4-(2-propen	19.44	33000	NJ
09		Unknown-05	19.55	26000	JN
10		Unknown-06	19.76	27000	JN
11	000488-23-3	Benzene, 1,2,3,4-tetramethyl-	19.82	31000	NJ
12		Unknown-07	20.32	42000	JN
13		Unknown-08	20.53	43000	J
14		Unknown-09	20.64	22000	J
15		Unknown-10	21.51	22000	J
16		Unknown-11	21.59	29000	J
17	017057-82-8	1H-Indene, 2,3-dihydro-1,2-di	21.94	44000	NJ
18		Unknown-12	22.21	27000	JN
19		Unknown-13	23.24	120000	JN
20	000090-12-0	Naphthalene, 1-methyl-	23.53	66000	NJ
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E9667961	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

Report All Except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K44

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06

Sample wt/vol: 100.0 (g/mL) G Lab File ID: G0823

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 11 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	22	U
108-95-2	Phenol	22	U
111-44-4	Bis(2-chloroethyl)ether	22	U
95-57-8	2-Chlorophenol	22	U
95-48-7	2-Methylphenol	22	U
108-60-1	2,2'-Oxybis(1-chloropropane)	22	U
98-86-2	Acetophenone	22	U
106-44-5	4-Methylphenol	22	U
621-64-7	N-Nitroso-di-n-propylamine	22	U
67-72-1	Hexachloroethane	22	U
98-95-3	Nitrobenzene	22	U
78-59-1	Isophorone	22	U
88-75-5	2-Nitrophenol	22	U
105-67-9	2,4-Dimethylphenol	22	U
111-91-1	Bis(2-chloroethoxy)methane	22	U
120-83-2	2,4-Dichlorophenol	22	U
91-20-3	Naphthalene	22	U
106-47-8	4-Chloroaniline	22	U
87-68-3	Hexachlorobutadiene	22	U
105-60-2	Caprolactam	22	U
59-50-7	4-Chloro-3-methylphenol	22	U
91-57-6	2-Methylnaphthalene	22	U
77-47-4	Hexachlorocyclopentadiene	56	UJ
88-06-2	2,4,6-Trichlorophenol	22	U
95-95-4	2,4,5-Trichlorophenol	22	U
92-52-4	1,1'-Biphenyl	22	U
91-58-7	2-Chloronaphthalene	22	U
88-74-4	2-Nitroaniline	45	U
131-11-3	Dimethylphthalate	22	U
606-20-2	2,6-Dinitrotoluene	22	U
208-96-8	Acenaphthylene	22	U
99-09-2	3-Nitroaniline	45	U
83-32-9	Acenaphthene	22	U
51-28-5	2,4-Dinitrophenol	110	UJ
100-02-7	4-Nitrophenol	45	U
132-64-9	Dibenzofuran	22	U
121-14-2	2,4-Dinitrotoluene	22	U

SOM01.2 (6/2007)

9/3/08

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K44

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06

Sample wt/vol: 100.0 (g/mL) G Lab File ID: G0823

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 11 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	22	U
86-73-7	Fluorene	22	U
7005-72-3	4-Chlorophenyl-phenylether	22	U
100-01-6	4-Nitroaniline	45	U
534-52-1	4,6-Dinitro-2-methylphenol	45	U
86-30-6	N-Nitrosodiphenylamine 1	22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	22	U
101-55-3	4-Bromophenyl-phenylether	22	U
118-74-1	Hexachlorobenzene	22	U
1912-24-9	Atrazine	22	U
87-86-5	Pentachlorophenol	22	UJ
85-01-8	Phenanthrene	17	JQ
120-12-7	Anthracene	22	U
86-74-8	Carbazole	22	U
84-74-2	Di-n-butylphthalate	22	U
206-44-0	Fluoranthene	22	U
129-00-0	Pyrene	22	U
85-68-7	Butylbenzylphthalate	22	U
91-94-1	3,3'-Dichlorobenzidine	22	U
56-55-3	Benzo(a)anthracene	22	U
218-01-9	Chrysene	22	U
117-81-7	Bis(2-ethylhexyl)phthalate	100	
117-84-0	Di-n-octylphthalate	22	U
205-99-2	Benzo(b)fluoranthene	22	U
207-08-9	Benzo(k)fluoranthene	22	U
50-32-8	Benzo(a)pyrene	22	U
193-39-5	Indeno(1,2,3-cd)pyrene	22	U
53-70-3	Dibenzo(a,h)anthracene	22	U
191-24-2	Benzo(g,h,i)perylene	22	U
58-90-2	2,3,4,6-Tetrachlorophenol	22	U
92-87-5	Benzidine	22	U
95-50-1	1,2-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
62-75-9	N-Nitrosodimethylamine	22	U
95-63-6	1,2,4-Trimethylbenzene	22	U
108-67-8	1,3,5-Trimethylbenzene	22	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K44

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06

Sample wt/vol: 100.0 (g/mL) G Lab File ID: G0823

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 11 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	59	JN
02		Unknown-02	3.09	140	J
03		Unknown-03	4.17	87	J
04		Unknown-04	4.40	65	J
05		Unknown-05	4.67	66	J
06		Unknown-06	4.91	84	J
07		Unknown-07	8.09	120	J
08	1000151-92-4	p-menth-1-en-8-ol	8.60	68	NJ
09		Unknown-08	10.09	180	JN
10	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.26	300	NJ
11		Unknown-09	10.57	80	JN
12		Unknown-10	12.62	110	JN
13	003674-66-6	Phenanthrene, 2,5-dimethyl-	15.58	75	NJ
14	007683-64-9	Squalene	18.23	64	NJ
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A	80	JN

[2] EPA-designated Registry Number.

SOM01.2 (9/2007)

9/3/08

Report All PAHs Except Phenanthrene & Pyrene

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K44

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06

Sample wt/vol: 100.0 (g/mL) G Lab File ID: G0917

Extraction: (Type) SONC

% Moisture: 11 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	5.0	
91-57-6	2-Methylnaphthalene	5.4	
208-96-8	Acenaphthylene	1.8	
83-32-9	Acenaphthene	7.6	
86-73-7	Fluorene	5.0	
87-86-5	Pentachlorophenol	2.2	U
85-01-8	Phenanthrene	18	E → Report from J8K44DL(S11
120-12-7	Anthracene	5.6	
206-44-0	Fluoranthene	9.1	
129-00-0	Pyrene	12	E → "
56-55-3	Benzo(a)anthracene	4.1	
218-01-9	Chrysene	5.2	
205-99-2	Benzo(b)fluoranthene	1.8	J
207-08-9	Benzo(k)fluoranthene	2.2	J
50-32-8	Benzo(a)pyrene	4.1	
193-39-5	Indeno(1,2,3-cd)pyrene	2.6	
53-70-3	Dibenzo(a,h)anthracene	1.9	
191-24-2	Benzo(g,h,i)perylene	2.8	

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

Report Only Phenanthrene & Pyrene

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K44DL

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.06DL

Sample wt/vol: 100.0 (g/mL) G Lab File ID: G0933

Extraction: (Type) SONC

% Moisture: 11 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/15/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 2.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	6.6	D
91-57-6	2-Methylnaphthalene	6.6	D
208-96-8	Acenaphthylene	1.7	DJ
83-32-9	Acenaphthene	9.0	D
86-73-7	Fluorene	7.4	D
87-86-5	Pentachlorophenol	4.5	U
85-01-8	Phenanthrene	21	~~D~~ → Report
120-12-7	Anthracene	7.2	D
206-44-0	Fluoranthene	10	D
129-00-0	Pyrene	16	~~D~~ → "
56-55-3	Benzo(a)anthracene	4.5	D
218-01-9	Chrysene	6.4	D
205-99-2	Benzo(b)fluoranthene	2.1	DJ
207-08-9	Benzo(k)fluoranthene	2.7	D
50-32-8	Benzo(a)pyrene	4.3	D
193-39-5	Indeno(1,2,3-cd)pyrene	3.3	D
53-70-3	Dibenzo(a,h)anthracene	2.5	D
191-24-2	Benzo(g,h,i)perylene	4.0	D

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K45

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.07

Sample wt/vol: 3.700 (g/mL) G Lab File ID: B16323

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 10 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.5	U
74-87-3	Chloromethane	1.5	U
75-01-4	Vinyl chloride	1.5	U
74-83-9	Bromomethane	1.5	U
75-00-3	Chloroethane	1.5	U
75-69-4	Trichlorofluoromethane	1.5	U
75-35-4	1,1-Dichloroethene	1.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	U
67-64-1	Acetone	13	
75-15-0	Carbon disulfide	1.5	U
79-20-9	Methyl acetate	1.5	U
75-09-2	Methylene chloride	1.5	U
156-60-5	trans-1,2-Dichloroethene	1.5	U
1634-04-4	Methyl tert-butyl ether	1.5	U
75-34-3	1,1-Dichloroethane	1.5	U
156-59-2	cis-1,2-Dichloroethene	1.5	U
78-93-3	2-Butanone	7.5	U
74-97-5	Bromochloromethane	1.5	U
67-66-3	Chloroform	1.5	U
71-55-6	1,1,1-Trichloroethane	1.5	U
110-82-7	Cyclohexane	1.5	U
56-23-5	Carbon tetrachloride	1.5	U
71-43-2	Benzene	1.5	U
107-06-2	1,2-Dichloroethane	1.5	U
123-91-1	1,4-Dioxane	150	U
79-01-6	Trichloroethene	1.5	U
108-87-2	Methylcyclohexane	1.5	U
78-87-5	1,2-Dichloropropane	1.5	U
75-27-4	Bromodichloromethane	1.5	U
10061-01-5	cis-1,3-Dichloropropene	1.5	U
108-10-1	4-Methyl-2-pentanone	7.5	U
108-88-3	Toluene	1.5	U
10061-02-6	trans-1,3-Dichloropropene	1.5	U
79-00-5	1,1,2-Trichloroethane	1.5	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K45

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.07

Sample wt/vol: 3.700 (g/mL) G Lab File ID: B16323

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 10 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.5	U
591-78-6	2-Hexanone	7.5	UJ
124-48-1	Dibromochloromethane	1.5	U
106-93-4	1,2-Dibromoethane	1.5	U
108-90-7	Chlorobenzene	1.5	U
100-41-4	Ethylbenzene	1.5	U
95-47-6	o-Xylene	1.5	U
179601-23-1	m,p-Xylene	1.5	U
100-42-5	Styrene	1.5	U
75-25-2	Bromoform	1.5	U
98-82-8	Isopropylbenzene	1.5	U
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U
541-73-1	1,3-Dichlorobenzene	1.5	U
106-46-7	1,4-Dichlorobenzene	1.5	U
95-50-1	1,2-Dichlorobenzene	1.5	U
96-12-8	1,2-Dibromo-3-chloropropane	1.5	U
120-82-1	1,2,4-Trichlorobenzene	7.5	U
87-61-6	1,2,3-Trichlorobenzene	7.5	U
87-68-3	Hexachlorobutadiene	1.5	U
67-72-1	Hexachloroethane	3.0	U
91-20-3	Naphthalene	1.5 ~~0.98~~	~~JB~~U
630-20-6	1,1,1,2-Tetrachloroethane	1.5	U
96-18-4	1,2,3-Trichloropropane	1.5	U

8/28/08

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K45

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.07

Sample wt/vol: 3.700 (g/mL) G Lab File ID: B16323

Level: (TRACE or LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 10 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	3.50	5.8	JN
02	000541-05-9	Cyclotrisiloxane, hexamethyl-	11.11	12	NJ
03		Unknown-02	11.16	8.3	JN
04					
05					
06					
07					
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29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/28/08 00245

Report All Except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K45

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.07

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0824

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 10 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.7 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	22	U
108-95-2	Phenol	22	U
111-44-4	Bis(2-chloroethyl)ether	22	U
95-57-8	2-Chlorophenol	22	U
95-48-7	2-Methylphenol	22	U
108-60-1	2,2'-Oxybis(1-chloropropane)	22	U
98-86-2	Acetophenone	22	U
106-44-5	4-Methylphenol	22	U
621-64-7	N-Nitroso-di-n-propylamine	22	U
67-72-1	Hexachloroethane	22	U
98-95-3	Nitrobenzene	22	U
78-59-1	Isophorone	22	U
88-75-5	2-Nitrophenol	22	U
105-67-9	2,4-Dimethylphenol	22	U
111-91-1	Bis(2-chloroethoxy)methane	22	U
120-83-2	2,4-Dichlorophenol	22	U
91-20-3	Naphthalene	22	U
106-47-8	4-Chloroaniline	22	U
87-68-3	Hexachlorobutadiene	22	U
105-60-2	Caprolactam	22	U
59-50-7	4-Chloro-3-methylphenol	22	U
91-57-6	2-Methylnaphthalene	22	U
77-47-4	Hexachlorocyclopentadiene	55	UJ
88-06-2	2,4,6-Trichlorophenol	22	U
95-95-4	2,4,5-Trichlorophenol	22	U
92-52-4	1,1'-Biphenyl	22	U
91-58-7	2-Chloronaphthalene	22	U
88-74-4	2-Nitroaniline	44	U
131-11-3	Dimethylphthalate	22	U
606-20-2	2,6-Dinitrotoluene	22	U
208-96-8	Acenaphthylene	22	U
99-09-2	3-Nitroaniline	44	U
83-32-9	Acenaphthene	22	U
51-28-5	2,4-Dinitrophenol	110	UJ
100-02-7	4-Nitrophenol	44	U
132-64-9	Dibenzofuran	22	U
121-14-2	2,4-Dinitrotoluene	22	U

SOM01.2 (6/2007) 9/3/08

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K45

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.07

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0824

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 10 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.7 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	22	U
86-73-7	Fluorene	22	U
7005-72-3	4-Chlorophenyl-phenylether	22	U
100-01-6	4-Nitroaniline	44	U
534-52-1	4,6-Dinitro-2-methylphenol	44	U
86-30-6	N-Nitrosodiphenylamine 1	22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	22	U
101-55-3	4-Bromophenyl-phenylether	22	U
118-74-1	Hexachlorobenzene	22	U
1912-24-9	Atrazine	22	U
87-86-5	Pentachlorophenol	22	UJ
85-01-8	Phenanthrene	22	U
120-12-7	Anthracene	22	U
86-74-8	Carbazole	22	U
84-74-2	Di-n-butylphthalate	22	U
206-44-0	Fluoranthene	22	U
129-00-0	Pyrene	22	U
85-68-7	Butylbenzylphthalate	22	U
91-94-1	3,3'-Dichlorobenzidine	22	U
56-55-3	Benzo(a)anthracene	22	U
218-01-9	Chrysene	22	U
117-81-7	Bis(2-ethylhexyl)phthalate	100	
117-84-0	Di-n-octylphthalate	22	U
205-99-2	Benzo(b)fluoranthene	22	U
207-08-9	Benzo(k)fluoranthene	22	U
50-32-8	Benzo(a)pyrene	22	U
193-39-5	Indeno(1,2,3-cd)pyrene	22	U
53-70-3	Dibenzo(a,h)anthracene	22	U
191-24-2	Benzo(g,h,i)perylene	22	U
58-90-2	2,3,4,6-Tetrachlorophenol	22	U
92-87-5	Benzidine	22	U
95-50-1	1,2-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
62-75-9	N-Nitrosodimethylamine	22	U
95-63-6	1,2,4-Trimethylbenzene	22	U
108-67-8	1,3,5-Trimethylbenzene	22	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K45

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.07

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0824

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 10 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.7 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.27	57	~~J~~N
02		Unknown-02	2.31	54	J
03		Unknown-03	2.58	46	J
04		Unknown-04	3.09	150	J
05		Unknown-05	4.17	130	J
06		Unknown-06	4.40	58	J
07		Unknown-07	4.67	57	J
08		Unknown-08	4.91	74	J
09		Unknown-09	8.08	72	J
10	1000157-89-9	p-menth-1-en-8-ol	8.60	61	NJ
11		Unknown-10	10.07	110	JN
12	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.26	230	NJ
13		Unknown-11	10.57	55	JN
14		Unknown-12	12.59	61	JN
15					
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25					
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27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K45

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.07

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0918

Extraction: (Type) SONC

% Moisture: 10 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 5.7 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	~~0.95~~ LL	~~J~~ U
91-57-6	2-Methylnaphthalene	1.1	U
208-96-8	Acenaphthylene	1.1	U
83-32-9	Acenaphthene	1.1	U
86-73-7	Fluorene	1.1	U
87-86-5	Pentachlorophenol	2.2	U
85-01-8	Phenanthrene	0.83	JQ
120-12-7	Anthracene	1.1	U
206-44-0	Fluoranthene	1.1	U
129-00-0	Pyrene	0.75	JQ
56-55-3	Benzo(a)anthracene	1.1	U
218-01-9	Chrysene	0.73	JQ
205-99-2	Benzo(b)fluoranthene	1.1	UJ
207-08-9	Benzo(k)fluoranthene	0.56	JQ
50-32-8	Benzo(a)pyrene	1.0	JQ
193-39-5	Indeno(1,2,3-cd)pyrene	1.6	
53-70-3	Dibenzo(a,h)anthracene	1.4	
191-24-2	Benzo(g,h,i)perylene	1.7	

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K46

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08

Sample wt/vol: 4.900 (g/mL) G Lab File ID: B16324

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 15 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.2	U
74-87-3	Chloromethane	1.2	U
75-01-4	Vinyl chloride	1.2	U
74-83-9	Bromomethane	1.2	U
75-00-3	Chloroethane	1.2	U
75-69-4	Trichlorofluoromethane	1.2	U
75-35-4	1,1-Dichloroethene	1.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	U
67-64-1	Acetone	6.0	U
75-15-0	Carbon disulfide	1.2	U
79-20-9	Methyl acetate	1.2	U
75-09-2	Methylene chloride	1.2 ~~0.59~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.2	U
1634-04-4	Methyl tert-butyl ether	1.2	U
75-34-3	1,1-Dichloroethane	1.2	U
156-59-2	cis-1,2-Dichloroethene	1.2	U
78-93-3	2-Butanone	6.0	U
74-97-5	Bromochloromethane	1.2	U
67-66-3	Chloroform	1.2	U
71-55-6	1,1,1-Trichloroethane	1.2	U
110-82-7	Cyclohexane	1.2	U
56-23-5	Carbon tetrachloride	1.2	U
71-43-2	Benzene	1.2	U
107-06-2	1,2-Dichloroethane	1.2	U
123-91-1	1,4-Dioxane	120	U
79-01-6	Trichloroethene	1.2	U
108-87-2	Methylcyclohexane	1.2	U
78-87-5	1,2-Dichloropropane	1.2	U
75-27-4	Bromodichloromethane	1.2	U
10061-01-5	cis-1,3-Dichloropropene	1.2	U
108-10-1	4-Methyl-2-pentanone	6.0	U
108-88-3	Toluene	1.2	U
10061-02-6	trans-1,3-Dichloropropene	1.2	U
79-00-5	1,1,2-Trichloroethane	1.2	U

8/28/08

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K46

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08

Sample wt/vol: 4.900 (g/mL) G Lab File ID: B16324

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 15 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.2	U
591-78-6	2-Hexanone	6.0	UJ
124-48-1	Dibromochloromethane	1.2	U
106-93-4	1,2-Dibromoethane	1.2	U
108-90-7	Chlorobenzene	1.2	U
100-41-4	Ethylbenzene	1.2	U
95-47-6	o-Xylene	1.2	U
179601-23-1	m,p-Xylene	1.2	U
100-42-5	Styrene	1.2	U
75-25-2	Bromoform	1.2	U
98-82-8	Isopropylbenzene	1.2	U
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U
541-73-1	1,3-Dichlorobenzene	1.2	U
106-46-7	1,4-Dichlorobenzene	1.2	U
95-50-1	1,2-Dichlorobenzene	1.2	U
96-12-8	1,2-Dibromo-3-chloropropane	1.2	U
120-82-1	1,2,4-Trichlorobenzene	6.0	U
87-61-6	1,2,3-Trichlorobenzene	6.0	U
87-68-3	Hexachlorobutadiene	1.2	U
67-72-1	Hexachloroethane	2.4	U
91-20-3	Naphthalene	1.2 ~~0.65~~	~~JB~~ U
630-20-6	1,1,1,2-Tetrachloroethane	1.2	U
96-18-4	1,2,3-Trichloropropane	1.2	U

5/28/08

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K46

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08

Sample wt/vol: 4.900 (g/mL) G Lab File ID: B16324

Level: (TRACE or LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 15 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	11.16	5.5	JBN
02					
03					
04					
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28					
29					
30					
	E966796[1]	Total Alkanes	N/A	5.0	JN

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/28/08

Repot All except those reported from Full Scan DL 8 Full Scan DL2

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K46

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0844

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	23	U
108-95-2	Phenol	23	U
111-44-4	Bis(2-chloroethyl)ether	23	U
95-57-8	2-Chlorophenol	23	U
95-48-7	2-Methylphenol	23	U
108-60-1	2,2'-Oxybis(1-chloropropane)	23	U
98-86-2	Acetophenone	23	U
106-44-5	4-Methylphenol	23	U
621-64-7	N-Nitroso-di-n-propylamine	23	U
67-72-1	Hexachloroethane	23	U
98-95-3	Nitrobenzene	23	U
78-59-1	Isophorone	23	U
88-75-5	2-Nitrophenol	23	U
105-67-9	2,4-Dimethylphenol	23	U
111-91-1	Bis(2-chloroethoxy)methane	23	U
120-83-2	2,4-Dichlorophenol	23	U
91-20-3	Naphthalene	2500	E → Report from J8K46 DL2 (Full S.)
106-47-8	4-Chloroaniline	23	U
87-68-3	Hexachlorobutadiene	23	U
105-60-2	Caprolactam	23	U
59-50-7	4-Chloro-3-methylphenol	23	U
91-57-6	2-Methylnaphthalene	3200	E → "
77-47-4	Hexachlorocyclopentadiene	58	UJ
88-06-2	2,4,6-Trichlorophenol	23	U
95-95-4	2,4,5-Trichlorophenol	23	U
92-52-4	1,1'-Biphenyl	300	J
91-58-7	2-Chloronaphthalene	23	U
88-74-4	2-Nitroaniline	47	U
131-11-3	Dimethylphthalate	23	U
606-20-2	2,6-Dinitrotoluene	23	U
208-96-8	Acenaphthylene	430	E → Report from J8K46DL (Full S.)
99-09-2	3-Nitroaniline	47	U
83-32-9	Acenaphthene	1200	E → "
51-28-5	2,4-Dinitrophenol	120	UJ
100-02-7	4-Nitrophenol	47	U
132-64-9	Dibenzofuran	310	J
121-14-2	2,4-Dinitrotoluene	23	U

SOM01.2 (6/2007)

9/2/08

Report All Except those marked otherwise

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K46

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0844

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
84-66-2	Diethylphthalate	23	U	
86-73-7	Fluorene	920	E	→ Report from J8K46D (Full S.)
7005-72-3	4-Chlorophenyl-phenylether	23	U	
100-01-6	4-Nitroaniline	47	U	
534-52-1	4,6-Dinitro-2-methylphenol	47	U	
86-30-6	N-Nitrosodiphenylamine 1	23	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	23	U	
101-55-3	4-Bromophenyl-phenylether	23	U	
118-74-1	Hexachlorobenzene	23	U	
1912-24-9	Atrazine	23	U	
87-86-5	Pentachlorophenol	23	UJ	→ Report from J8K46DL (Full S.)
85-01-8	Phenanthrene	940	E	
120-12-7	Anthracene	330		
86-74-8	Carbazole	23	U	
84-74-2	Di-n-butylphthalate	23	U	
206-44-0	Fluoranthene	630	E	→ Report from J8K46D (Full S.)
129-00-0	Pyrene	650	E	→ "
85-68-7	Butylbenzylphthalate	23	U	
91-94-1	3,3'-Dichlorobenzidine	23	U	
56-55-3	Benzo(a)anthracene	350	J	
218-01-9	Chrysene	280	J	
117-81-7	Bis(2-ethylhexyl)phthalate	23	U	
117-84-0	Di-n-octylphthalate	23	U	
205-99-2	Benzo(b)fluoranthene	820	E	→ "
207-08-9	Benzo(k)fluoranthene	470	E	→ "
50-32-8	Benzo(a)pyrene	1000	E	→ "
193-39-5	Indeno(1,2,3-cd)pyrene	740	E	→ "
53-70-3	Dibenzo(a,h)anthracene	240	J	
191-24-2	Benzo(g,h,i)perylene	840	E	→ "
58-90-2	2,3,4,6-Tetrachlorophenol	23	U	
92-87-5	Benzidine	23	U	
95-50-1	1,2-Dichlorobenzene	23	U	
106-46-7	1,4-Dichlorobenzene	23	U	
541-73-1	1,3-Dichlorobenzene	23	U	
62-75-9	N-Nitrosodimethylamine	23	U	
95-63-6	1,2,4-Trimethylbenzene	42		
108-67-8	1,3,5-Trimethylbenzene	140		

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007) 9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K46

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0844

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000673-32-5	Benzene, 1-propynyl-	6.30	290	NJ
02	000493-02-7	Naphthalene, decahydro-, tran	6.46	420	NJ
03		Unknown-01	6.78	310	JN
04	054676-39-0	Cyclohexane, 2-butyl-1,1,3-tr	9.06	190	NJ
05		Unknown-02	9.27	220	JN
06		Unknown-03	9.42	350	J
07		Unknown-04	9.51	220	J
08		Unknown-05	9.73	740	J
09		Unknown-06	9.88	410	J
10		Unknown-07	10.01	360	J
11		Unknown-08	10.11	220	J
12		Unknown-09	10.29	290	J
13		Unknown-10	10.36	280	J
14	000575-43-9	Naphthalene, 1,6-dimethyl-	11.52	200	NJ
15		Unknown-11	11.66	200	JN
16		Unknown-12	11.83	200	J
17		Unknown-13	11.87	230	J
18	002131-42-2	Naphthalene, 1,4,6-trimethyl-	12.60	300	NJ
19		Unknown-14	12.97	390	JN
20	002245-38-7	Naphthalene, 1,6,7-trimethyl-	13.10	420	NJ
21		Unknown-15	13.32	290	JN
22	003674-73-5	Phenanthrene, 2,3,5-trimethyl	16.12	230	NJ
23		Unknown-16	18.20	390	JN
24		Unknown-17	18.36	230	JN
25	000192-97-2	Benzo[e]fluoranthene	18.69	480	NJ
26		Unknown-18	18.83	210	JN
27		Unknown-19	19.06	660	JN
28	000239-85-0	13H-Dibenzo[a,h]fluorene	19.40	230	NJ
29					
30					
	E966796[2]	Total Alkanes	N/A	960	JN

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

Report All Marked report

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K46DL

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08DL

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0887

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 10.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	230	U
108-95-2	Phenol	230	U
111-44-4	Bis(2-chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	230	U
95-48-7	2-Methylphenol	230	U
108-60-1	2,2'-Oxybis(1-chloropropane)	230	U
98-86-2	Acetophenone	230	U
106-44-5	4-Methylphenol	230	U
621-64-7	N-Nitroso-di-n-propylamine	230	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	230	U
78-59-1	Isophorone	230	U
88-75-5	2-Nitrophenol	230	U
105-67-9	2,4-Dimethylphenol	230	U
111-91-1	Bis(2-chloroethoxy)methane	230	U
120-83-2	2,4-Dichlorophenol	230	U
91-20-3	Naphthalene	7600	DE
106-47-8	4-Chloroaniline	230	U
87-68-3	Hexachlorobutadiene	230	U
105-60-2	Caprolactam	230	U
59-50-7	4-Chloro-3-methylphenol	230	U
91-57-6	2-Methylnaphthalene	5200	DE
77-47-4	Hexachlorocyclopentadiene	580	U
88-06-2	2,4,6-Trichlorophenol	230	U
95-95-4	2,4,5-Trichlorophenol	230	U
92-52-4	1,1'-Biphenyl	470	U
91-58-7	2-Chloronaphthalene	230	U
88-74-4	2-Nitroaniline	470	U
131-11-3	Dimethylphthalate	230	U
606-20-2	2,6-Dinitrotoluene	230	U
208-96-8	Acenaphthylene	880	~~U~~ J → Report
99-09-2	3-Nitroaniline	470	U
83-32-9	Acenaphthene	3400	~~U~~ J → "
51-28-5	2,4-Dinitrophenol	1200	U
100-02-7	4-Nitrophenol	470	U
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	2,4-Dinitrotoluene	[illegible]	[illegible]

SOM01.2 (6/2007)

9/3/08

BREMERTON-013849

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K46DL

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08DL

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0887

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 10.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	2000	~~D~~ J → Report
7005-72-3	4-Chlorophenyl-phenylether	230	U
100-01-6	4-Nitroaniline	470	U
534-52-1	4,6-Dinitro-2-methylphenol	470	U
86-30-6	N-Nitrosodiphenylamine 1	230	U
95-94-3	1,2,4,5-Tetrachlorobenzene	230	U
101-55-3	4-Bromophenyl-phenylether	230	U
118-74-1	Hexachlorobenzene	230	U
1912-24-9	Atrazine	230	U
87-86-5	Pentachlorophenol	230	U
85-01-8	Phenanthrene	6500	DE
120-12-7	Anthracene	1800	D
86-74-8	Carbazole	230	U
84-74-2	Di-n-butylphthalate	230	U
206-44-0	Fluoranthene	2900	~~D~~ J → Report
129-00-0	Pyrene	3600	~~D~~ J → "
85-68-7	Butylbenzylphthalate	230	U
91-94-1	3,3'-Dichlorobenzidine	230	U
56-55-3	Benzo(a)anthracene	1000	D
218-01-9	Chrysene	1000	D
117-81-7	Bis(2-ethylhexyl)phthalate	230	U
117-84-0	Di-n-octylphthalate	230	U
205-99-2	Benzo(b)fluoranthene	640	~~D~~ → "
207-08-9	Benzo(k)fluoranthene	670	~~D~~ → "
50-32-8	Benzo(a)pyrene	1700	~~D~~ → "
193-39-5	Indeno(1,2,3-cd)pyrene	770	~~D~~ → "
53-70-3	Dibenzo(a,h)anthracene	210	DJ
191-24-2	Benzo(g,h,i)perylene	890	~~D~~ → "
58-90-2	2,3,4,6-Tetrachlorophenol	230	U
92-87-5	Benzidine	230	U
95-50-1	1,2-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	230	U
541-73-1	1,3-Dichlorobenzene	230	U
62-75-9	N-Nitrosodimethylamine	230	U
95-63-6	1,2,4-Trimethylbenzene	230	U
108-67-8	1,3,5-Trimethylbenzene	160	DJ

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K46DL

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08DL

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0887

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 10.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000934-80-5	Benzene, 4-ethyl-1,2-dimethyl	8.02	1200	DNJ
02		Unknown-01	8.09	1000	DJ
03		Unknown-02	8.64	1000	DJ
04		Unknown-03	8.70	1500	DJ
05	054676-39-0	Cyclohexane, 2-butyl-1,1,3-tr	9.05	1700	DNJ
06		Unknown-04	9.13	1300	DJ
07		Unknown-05	9.26	1700	DJ
08		Unknown-06	9.29	1200	DJ
09		Unknown-07	9.38	1100	DJ
10	005359-04-6	Ethanone, 1-[4-(1-methylethen	9.41	1800	DNJ
11		Unknown-08	9.50	1800	DJ
12		Unknown-09	9.59	1600	DJ
13		Unknown-10	9.63	1300	DJ
14		Unknown-11	9.86	2200	DJ
15		Unknown-12	9.93	1600	DJ
16		Unknown-13	9.99	1600	DJ
17		Unknown-14	10.03	1100	DJ
18		Unknown-15	10.09	2000	DJ
19		Unknown-16	10.26	2400	DJ
20		Unknown-17	10.33	2400	DJ
21	000091-57-6	Naphthalene, 2-methyl-	10.43	5900	DNJ
22	002131-42-2	Naphthalene, 1,4,6-trimethyl-	12.75	1700	DNJ
23	002131-42-2	Naphthalene, 1,4,6-trimethyl-	12.79	1100	DNJ
24	002131-42-2	Naphthalene, 1,4,6-trimethyl-	12.94	1700	DNJ
25		Unknown-18	13.28	1200	DJ
26	000217-59-4	Triphenylene	16.99	1200	DNJ
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A	12000	DJ

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

Report All Marked Report

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K46DL2

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08DL2

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0889

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 100.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	2300	U
108-95-2	Phenol	2300	U
111-44-4	Bis(2-chloroethyl)ether	2300	U
95-57-8	2-Chlorophenol	2300	U
95-48-7	2-Methylphenol	2300	U
108-60-1	2,2'-Oxybis(1-chloropropane)	2300	U
98-86-2	Acetophenone	2300	U
106-44-5	4-Methylphenol	2300	U
621-64-7	N-Nitroso-di-n-propylamine	2300	U
67-72-1	Hexachloroethane	2300	U
98-95-3	Nitrobenzene	2300	U
78-59-1	Isophorone	2300	U
88-75-5	2-Nitrophenol	2300	U
105-67-9	2,4-Dimethylphenol	2300	U
111-91-1	Bis(2-chloroethoxy)methane	2300	U
120-83-2	2,4-Dichlorophenol	2300	U
91-20-3	Naphthalene	17000	~~U~~ J → Report
106-47-8	4-Chloroaniline	2300	U
87-68-3	Hexachlorobutadiene	2300	U
105-60-2	Caprolactam	2300	U
59-50-7	4-Chloro-3-methylphenol	2300	U
91-57-6	2-Methylnaphthalene	11000	~~U~~ J → "
77-47-4	Hexachlorocyclopentadiene	5800	U
88-06-2	2,4,6-Trichlorophenol	2300	U
95-95-4	2,4,5-Trichlorophenol	2300	U
92-52-4	1,1'-Biphenyl	2300	U
91-58-7	2-Chloronaphthalene	2300	U
88-74-4	2-Nitroaniline	4700	U
131-11-3	Dimethylphthalate	2300	U
606-20-2	2,6-Dinitrotoluene	2300	U
208-96-8	Acenaphthylene	2000	DJ
99-09-2	3-Nitroaniline	4700	U
83-32-9	Acenaphthene	7400	D
51-28-5	2,4-Dinitrophenol	12000	U
100-02-7	4-Nitrophenol	4700	U
132-64-9	Dibenzofuran	2300	U
121-14-2	2,4-Dinitrotoluene	2300	U

9/3/08

SOM01.2 (6/2007)

01228

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K46DL2

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08DL2

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0889

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 100.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	2300	U
86-73-7	Fluorene	3700	D
7005-72-3	4-Chlorophenyl-phenylether	2300	U
100-01-6	4-Nitroaniline	4700	U
534-52-1	4,6-Dinitro-2-methylphenol	4700	U
86-30-6	N-Nitrosodiphenylamine 1	2300	U
95-94-3	1,2,4,5-Tetrachlorobenzene	2300	U
101-55-3	4-Bromophenyl-phenylether	2300	U
118-74-1	Hexachlorobenzene	2300	U
1912-24-9	Atrazine	2300	U
87-86-5	Pentachlorophenol	2300	U
85-01-8	Phenanthrene	13000	~~D~~ J → Report
120-12-7	Anthracene	3800	D
86-74-8	Carbazole	2300	U
84-74-2	Di-n-butylphthalate	2300	U
206-44-0	Fluoranthene	5600	D
129-00-0	Pyrene	8500	D
85-68-7	Butylbenzylphthalate	2300	U
91-94-1	3,3'-Dichlorobenzidine	2300	U
56-55-3	Benzo(a)anthracene	2400	D
218-01-9	Chrysene	2400	D
117-81-7	Bis(2-ethylhexyl)phthalate	2300	U
117-84-0	Di-n-octylphthalate	2300	U
205-99-2	Benzo(b)fluoranthene	1300	DJ
207-08-9	Benzo(k)fluoranthene	1600	DJ
50-32-8	Benzo(a)pyrene	3900	D
193-39-5	Indeno(1,2,3-cd)pyrene	2500	D
53-70-3	Dibenzo(a,h)anthracene	2300	U
191-24-2	Benzo(g,h,i)perylene	2800	D
58-90-2	2,3,4,6-Tetrachlorophenol	2300	U
92-87-5	Benzidine	2300	U
95-50-1	1,2-Dichlorobenzene	2300	U
106-46-7	1,4-Dichlorobenzene	2300	U
541-73-1	1,3-Dichlorobenzene	2300	U
62-75-9	N-Nitrosodimethylamine	2300	U
95-63-6	1,2,4-Trimethylbenzene	2300	U
108-67-8	1,3,5-Trimethylbenzene	2300	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K46DL2

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08DL2

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0889

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 100.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	8.84	6100	DJ
02		Unknown-02	9.69	12000	DJ
03	000091-57-6	Naphthalene, 2-methyl-	10.43	9900	DNJ
04	002131-42-2	Naphthalene, 1,4,6-trimethyl-	12.79	7400	DNJ
05		Unknown-03	12.91	7000	DJ
06		Unknown-04	13.07	6100	DJ
07		Unknown-05	13.28	8000	DJ
08	1000130-75-8	Z-2-Tridecen-1-ol	13.45	8000	DNJ
09		Unknown-06	14.57	6900	DJ
10		Unknown-07	14.73	9300	DJ
11	001961-97-3	1H-Indene, 3-phenyl-	14.98	6000	DNJ
12		Unknown-08	15.11	6700	DJ
13		Unknown-09	15.18	6600	DJ
14	002381-21-7	Pyrene, 1-methyl-	16.33	6200	DNJ
15		Unknown-10	17.01	10000	DJ
16		Unknown-11	18.66	10000	DJ
17		Unknown-12	22.15	9000	DJ
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A	25000	DJ

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

Do NOT REPORT

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K46RE

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08RE

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0890

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	23	U
108-95-2	Phenol	23	U
111-44-4	Bis(2-chloroethyl)ether	23	U
95-57-8	2-Chlorophenol	23	U
95-48-7	2-Methylphenol	23	U
108-60-1	2,2'-Oxybis(1-chloropropane)	23	U
98-86-2	Acetophenone	23	U
106-44-5	4-Methylphenol	23	U
621-64-7	N-Nitroso-di-n-propylamine	23	U
67-72-1	Hexachloroethane	23	U
98-95-3	Nitrobenzene	23	U
78-59-1	Isophorone	23	U
88-75-5	2-Nitrophenol	23	U
105-67-9	2,4-Dimethylphenol	23	U
111-91-1	Bis(2-chloroethoxy)methane	23	U
120-83-2	2,4-Dichlorophenol	23	U
91-20-3	Naphthalene	5700	E
106-47-8	4-Chloroaniline	23	U
87-68-3	Hexachlorobutadiene	23	U
105-60-2	Caprolactam	23	U
59-50-7	4-Chloro-3-methylphenol	23	U
91-57-6	2-Methylnaphthalene	6400	E
77-47-4	Hexachlorocyclopentadiene	58	U
88-06-2	2,4,6-Trichlorophenol	23	U
95-95-4	2,4,5-Trichlorophenol	23	U
92-52-4	1,1'-Biphenyl	320	
91-58-7	2-Chloronaphthalene	23	U
88-74-4	2-Nitroaniline	47	U
131-11-3	Dimethylphthalate	23	U
606-20-2	2,6-Dinitrotoluene	23	U
208-96-8	Acenaphthylene	850	E
99-09-2	3-Nitroaniline	47	U
83-32-9	Acenaphthene	2400	E
51-28-5	2,4-Dinitrophenol	120	U
100-02-7	4-Nitrophenol	47	U
132-64-9	Dibenzofuran	330	
121-14-2	2,4-Dinitrotoluene	23	U

R 9/3/08

SOM01.2 (6/2007)

01284

BREMERTON-013855

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K46RE

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08RE

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0890

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	23	U
86-73-7	Fluorene	1900	E
7005-72-3	4-Chlorophenyl-phenylether	23	U
100-01-6	4-Nitroaniline	47	U
534-52-1	4,6-Dinitro-2-methylphenol	47	U
86-30-6	N-Nitrosodiphenylamine 1	23	U
95-94-3	1,2,4,5-Tetrachlorobenzene	23	U
101-55-3	4-Bromophenyl-phenylether	23	U
118-74-1	Hexachlorobenzene	23	U
1912-24-9	Atrazine	23	U
87-86-5	Pentachlorophenol	23	U
85-01-8	Phenanthrene	1300	E
120-12-7	Anthracene	720	E
86-74-8	Carbazole	23	U
84-74-2	Di-n-butylphthalate	23	U
206-44-0	Fluoranthene	960	E
129-00-0	Pyrene	870	E
85-68-7	Butylbenzylphthalate	23	U
91-94-1	3,3'-Dichlorobenzidine	23	U
56-55-3	Benzo(a)anthracene	620	E
218-01-9	Chrysene	540	E
117-81-7	Bis(2-ethylhexyl)phthalate	23	U
117-84-0	Di-n-octylphthalate	23	U
205-99-2	Benzo(b)fluoranthene	1500	E
207-08-9	Benzo(k)fluoranthene	970	E
50-32-8	Benzo(a)pyrene	1400	E
193-39-5	Indeno(1,2,3-cd)pyrene	840	E
53-70-3	Dibenzo(a,h)anthracene	270	
191-24-2	Benzo(g,h,i)perylene	900	E
58-90-2	2,3,4,6-Tetrachlorophenol	23	U
92-87-5	Benzidine	23	U
95-50-1	1,2-Dichlorobenzene	23	U
106-46-7	1,4-Dichlorobenzene	23	U
541-73-1	1,3-Dichlorobenzene	23	U
62-75-9	N-Nitrosodimethylamine	23	U
95-63-6	1,2,4-Trimethylbenzene	41	
108-67-8	1,3,5-Trimethylbenzene	140	

1 Cannot be separated from Diphenylamine

9/3/08

SOM01.2 (6/2007)

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K46RE

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08RE

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0890

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/13/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	5.93	190	J
02	000766-47-2	Benzene,1-ethynyl-2-methyl-	6.31	420	NJ
03	000493-02-7	Naphthalene, decahydro-, tran	6.46	250	NJ
04		Unknown-02	6.84	200	J
05		Unknown-03	6.89	180	J
06		Unknown-04	7.10	680	J
07		Unknown-05	9.28	190	J
08		Unknown-06	10.01	180	J
09		Unknown-07	10.11	210	J
10		Unknown-08	10.29	240	J
11		Unknown-09	10.36	250	J
12	000090-12-0	Naphthalene, 1-methyl-	10.47	870	NJ
13	002131-42-2	Naphthalene, 1,4,6-trimethyl-	12.79	220	NJ
14	002245-38-7	Naphthalene, 1,6,7-trimethyl-	12.98	230	NJ
15	000829-26-5	Naphthalene, 2,3,6-trimethyl-	13.11	240	NJ
16		Unknown-10	16.13	200	J
17		Unknown-11	18.26	240	J
18		Unknown-12	18.31	220	J
19		Unknown-13	18.37	320	J
20		Unknown-14	18.43	230	J
21	000481-21-0	Cholestane	18.49	220	NJ
22	000192-97-2	Benzo[e]pyrene	18.72	670	NJ
23		Unknown-15	18.84	330	J
24	000050-32-8	Benzo[a]pyrene	19.09	890	NJ
25		Unknown-16	19.27	280	J
26		Unknown-17	19.44	240	J
27		Unknown-18	19.49	240	J
28					
29					
30					
	E966796[2]	Total Alkanes	N/A	1200	J

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

DO NOT REPORT

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K46

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.08

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0973

Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/16/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1000.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	21000	E
91-57-6	2-Methylnaphthalene	15000	E
208-96-8	Acenaphthylene	1800	J
83-32-9	Acenaphthene	10000	
86-73-7	Fluorene	6200	
87-86-5	Pentachlorophenol	2300	UJ
85-01-8	Phenanthrene	17000	E
120-12-7	Anthracene	9300	J
206-44-0	Fluoranthene	8700	J
129-00-0	Pyrene	12000	E
56-55-3	Benzo(a)anthracene	3100	J
218-01-9	Chrysene	5500	
205-99-2	Benzo(b)fluoranthene	1500	
207-08-9	Benzo(k)fluoranthene	2700	
50-32-8	Benzo(a)pyrene	5400	
193-39-5	Indeno(1,2,3-cd)pyrene	1400	
53-70-3	Dibenzo(a,h)anthracene	1200	UJ
191-24-2	Benzo(g,h,i)perylene	1600	J

1 Cannot be separated from Diphenylamine

9/3/08

SQM01.2 (6/2007)

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K48

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.01

Sample wt/vol: 5.000 (g/mL) G Lab File ID: B16322

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 18 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.2	U
74-87-3	Chloromethane	1.2	U
75-01-4	Vinyl chloride	1.2	U
74-83-9	Bromomethane	1.2	U
75-00-3	Chloroethane	1.2	U
75-69-4	Trichlorofluoromethane	1.2	U
75-35-4	1,1-Dichloroethene	1.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	U
67-64-1	Acetone	6.1	U
75-15-0	Carbon disulfide	1.2	U
79-20-9	Methyl acetate	1.2	U
75-09-2	Methylene chloride	1.2 ~~0.57~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.2	U
1634-04-4	Methyl tert-butyl ether	1.2	U
75-34-3	1,1-Dichloroethane	1.2	U
156-59-2	cis-1,2-Dichloroethene	1.2	U
78-93-3	2-Butanone	6.1	U
74-97-5	Bromochloromethane	1.2	U
67-66-3	Chloroform	1.2	U
71-55-6	1,1,1-Trichloroethane	1.2	U
110-82-7	Cyclohexane	1.2	U
56-23-5	Carbon tetrachloride	1.2	U
71-43-2	Benzene	1.2	U
107-06-2	1,2-Dichloroethane	1.2	U
123-91-1	1,4-Dioxane	120	U
79-01-6	Trichloroethene	1.2	U
108-87-2	Methylcyclohexane	1.2	U
78-87-5	1,2-Dichloropropane	1.2	U
75-27-4	Bromodichloromethane	1.2	U
10061-01-5	cis-1,3-Dichloropropene	1.2	U
108-10-1	4-Methyl-2-pentanone	6.1	U
108-88-3	Toluene	1.2	U
10061-02-6	trans-1,3-Dichloropropene	1.2	U
79-00-5	1,1,2-Trichloroethane	1.2	U

8/28/08

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K48

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.01

Sample wt/vol: 5.000 (g/mL) G Lab File ID: B16322

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 18 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.2	U
591-78-6	2-Hexanone	6.1	UJ
124-48-1	Dibromochloromethane	1.2	U
106-93-4	1,2-Dibromoethane	1.2	U
108-90-7	Chlorobenzene	1.2	U
100-41-4	Ethylbenzene	1.2	U
95-47-6	o-Xylene	1.2	U
179601-23-1	m,p-Xylene	1.2	U
100-42-5	Styrene	1.2	U
75-25-2	Bromoform	1.2	U
98-82-8	Isopropylbenzene	1.2	U
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U
541-73-1	1,3-Dichlorobenzene	1.2	U
106-46-7	1,4-Dichlorobenzene	1.2	U
95-50-1	1,2-Dichlorobenzene	1.2	U
96-12-8	1,2-Dibromo-3-chloropropane	1.2	U
120-82-1	1,2,4-Trichlorobenzene	0.14	~~JB~~ Q
87-61-6	1,2,3-Trichlorobenzene	0.13	~~JB~~ Q
87-68-3	Hexachlorobutadiene	1.2	U
67-72-1	Hexachloroethane	2.4	U
91-20-3	Naphthalene	1.2 ~~1.1~~	~~JB~~ U
630-20-6	1,1,1,2-Tetrachloroethane	1.2	U
96-18-4	1,2,3-Trichloropropane	1.2	U

8/25/08

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K48

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.01

Sample wt/vol: 5.000 (g/mL) G Lab File ID: B16322

Level: (TRACE or LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 18 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	4.61	3.2	JN
02		Unknown-02	11.16	7.5	JN
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
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24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/28/08

Report All Except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K48

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.01

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0820

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 18 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	24	U
108-95-2	Phenol	24	U
111-44-4	Bis(2-chloroethyl)ether	24	U
95-57-8	2-Chlorophenol	24	U
95-48-7	2-Methylphenol	24	U
108-60-1	2,2'-Oxybis(1-chloropropane)	24	U
98-86-2	Acetophenone	24	U
106-44-5	4-Methylphenol	24	U
621-64-7	N-Nitroso-di-n-propylamine	24	U
67-72-1	Hexachloroethane	24	U
98-95-3	Nitrobenzene	24	U
78-59-1	Isophorone	24	U
88-75-5	2-Nitrophenol	24	U
105-67-9	2,4-Dimethylphenol	24	U
111-91-1	Bis(2-chloroethoxy)methane	24	U
120-83-2	2,4-Dichlorophenol	24	U
91-20-3	Naphthalene	13	J Q
106-47-8	4-Chloroaniline	24	U
87-68-3	Hexachlorobutadiene	24	U
105-60-2	Caprolactam	24	U
59-50-7	4-Chloro-3-methylphenol	24	U
91-57-6	2-Methylnaphthalene	24	U
77-47-4	Hexachlorocyclopentadiene	61	UJ
88-06-2	2,4,6-Trichlorophenol	24	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	1,1'-Biphenyl	24	U
91-58-7	2-Chloronaphthalene	24	U
88-74-4	2-Nitroaniline	49	U
131-11-3	Dimethylphthalate	24	U
606-20-2	2,6-Dinitrotoluene	24	U
208-96-8	Acenaphthylene	24	U
99-09-2	3-Nitroaniline	49	U
83-32-9	Acenaphthene	24	U
51-28-5	2,4-Dinitrophenol	120	UJ
100-02-7	4-Nitrophenol	49	U
132-64-9	Dibenzofuran	24	U
121-14-2	2,4-Dinitrotoluene	24	U

9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K48

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.01

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0820

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 18 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	24	U
86-73-7	Fluorene	24	U
7005-72-3	4-Chlorophenyl-phenylether	24	U
100-01-6	4-Nitroaniline	49	U
534-52-1	4,6-Dinitro-2-methylphenol	49	U
86-30-6	N-Nitrosodiphenylamine 1	24	U
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U
101-55-3	4-Bromophenyl-phenylether	24	U
118-74-1	Hexachlorobenzene	24	U
1912-24-9	Atrazine	24	U
87-86-5	Pentachlorophenol	24	UJ
85-01-8	Phenanthrene	24	U
120-12-7	Anthracene	24	U
86-74-8	Carbazole	24	U
84-74-2	Di-n-butylphthalate	24	U
206-44-0	Fluoranthene	24	U
129-00-0	Pyrene	24	U
85-68-7	Butylbenzylphthalate	24	U
91-94-1	3,3'-Dichlorobenzidine	24	U
56-55-3	Benzo(a)anthracene	24	U
218-01-9	Chrysene	24	U
117-81-7	Bis(2-ethylhexyl)phthalate	240	
117-84-0	Di-n-octylphthalate	24	U
205-99-2	Benzo(b)fluoranthene	24	U
207-08-9	Benzo(k)fluoranthene	24	U
50-32-8	Benzo(a)pyrene	24	U
193-39-5	Indeno(1,2,3-cd)pyrene	24	U
53-70-3	Dibenzo(a,h)anthracene	24	U
191-24-2	Benzo(g,h,i)perylene	24	U
58-90-2	2,3,4,6-Tetrachlorophenol	24	U
92-87-5	Benzidine	24	U
95-50-1	1,2-Dichlorobenzene	24	U
106-46-7	1,4-Dichlorobenzene	24	U
541-73-1	1,3-Dichlorobenzene	24	U
62-75-9	N-Nitrosodimethylamine	24	U
95-63-6	1,2,4-Trimethylbenzene	24	U
108-67-8	1,3,5-Trimethylbenzene	24	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K48

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.01

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0820

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 18 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.31	74	JN
02		Unknown-02	2.76	79	J
03		Unknown-03	3.09	170	J
04		Unknown-04	4.17	180	J
05		Unknown-05	4.41	100	J
06		Unknown-06	4.67	96	J
07		Unknown-07	4.91	100	J
08		Unknown-08	8.10	120	J
09	010482-56-1	3-Cyclohexene-1-methanol, .al	8.60	57	NJ
10		Unknown-09	10.16	190	JN
11	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.27	370	NJ
12	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.58	110	NJ
13	013798-23-7	Sulfur	12.62	59	NJ
14		Unknown-10	12.71	140	JN
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/2/08 01353

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K48

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.01

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0914

Extraction: (Type) SONC

% Moisture: 18 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 4.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	11	
91-57-6	2-Methylnaphthalene	5.3	
208-96-8	Acenaphthylene	1.1	J Q
83-32-9	Acenaphthene	1.2	J Q
86-73-7	Fluorene	1.2	J Q
87-86-5	Pentachlorophenol	3.6	
85-01-8	Phenanthrene	5.3	
120-12-7	Anthracene	1.4	
206-44-0	Fluoranthene	3.6	
129-00-0	Pyrene	4.8	
56-55-3	Benzo(a)anthracene	2.2	
218-01-9	Chrysene	3.0	
205-99-2	Benzo(b)fluoranthene	1.4	J
207-08-9	Benzo(k)fluoranthene	1.6	J
50-32-8	Benzo(a)pyrene	2.5	
193-39-5	Indeno(1,2,3-cd)pyrene	2.8	
53-70-3	Dibenzo(a,h)anthracene	2.6	
191-24-2	Benzo(g,h,i)perylene	2.9	

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

B2086

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K49

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.09

Sample wt/vol: 4.200 (g/mL) G Lab File ID: B16325

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 9.0 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.3	U
74-87-3	Chloromethane	1.3	U
75-01-4	Vinyl chloride	1.3	U
74-83-9	Bromomethane	1.3	U
75-00-3	Chloroethane	1.3	U
75-69-4	Trichlorofluoromethane	1.3	U
75-35-4	1,1-Dichloroethene	1.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	U
67-64-1	Acetone	9.7	
75-15-0	Carbon disulfide	1.3	U
79-20-9	Methyl acetate	1.3	U
75-09-2	Methylene chloride	1.3 ~~0.50~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.3	U
1634-04-4	Methyl tert-butyl ether	1.3	U
75-34-3	1,1-Dichloroethane	1.3	U
156-59-2	cis-1,2-Dichloroethene	1.3	U
78-93-3	2-Butanone	6.5	U
74-97-5	Bromochloromethane	1.3	U
67-66-3	Chloroform	1.3	U
71-55-6	1,1,1-Trichloroethane	1.3	U
110-82-7	Cyclohexane	1.3	U
56-23-5	Carbon tetrachloride	1.3	U
71-43-2	Benzene	1.3	U
107-06-2	1,2-Dichloroethane	1.3	U
123-91-1	1,4-Dioxane	130	U
79-01-6	Trichloroethene	1.3	U
108-87-2	Methylcyclohexane	1.3	U
78-87-5	1,2-Dichloropropane	1.3	U
75-27-4	Bromodichloromethane	1.3	U
10061-01-5	cis-1,3-Dichloropropene	1.3	U
108-10-1	4-Methyl-2-pentanone	6.5	U
108-88-3	Toluene	0.47	J Q
10061-02-6	trans-1,3-Dichloropropene	1.3	U
79-00-5	1,1,2-Trichloroethane	1.3	U

SOM01.2 (6/2007) 8/28/08

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K49

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.09

Sample wt/vol: 4.200 (g/mL) G Lab File ID: B16325

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 9.0 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.3	U
591-78-6	2-Hexanone	6.5	UJ
124-48-1	Dibromochloromethane	1.3	U
106-93-4	1,2-Dibromoethane	1.3	U
108-90-7	Chlorobenzene	1.3	U
100-41-4	Ethylbenzene	1.3	U
95-47-6	o-Xylene	1.3	U
179601-23-1	m,p-Xylene	1.3	U
100-42-5	Styrene	1.3	U
75-25-2	Bromoform	1.3	U
98-82-8	Isopropylbenzene	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U
541-73-1	1,3-Dichlorobenzene	1.3	U
106-46-7	1,4-Dichlorobenzene	1.3	U
95-50-1	1,2-Dichlorobenzene	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	U
120-82-1	1,2,4-Trichlorobenzene	6.5	U
87-61-6	1,2,3-Trichlorobenzene	6.5	U
87-68-3	Hexachlorobutadiene	1.3	U
67-72-1	Hexachloroethane	2.6	U
91-20-3	Naphthalene	1.3 ~~0.58~~	~~JB~~ U
630-20-6	1,1,1,2-Tetrachloroethane	1.3	U
96-18-4	1,2,3-Trichloropropane	1.3	U

8/25/08

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K49

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.09

Sample wt/vol: 4.200 (g/mL) G Lab File ID: B16325

Level: (TRACE or LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 9.0 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	4.58	3.9	JN
02	000541-05-9	Cyclotrisiloxane, hexamethyl-	11.10	16	NJ
03		Unknown-02	11.16	4.9	JN
04					
05					
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29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/28/08

Report All Except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K49

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.09

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0825

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 9.0 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 4.8 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	22	U
108-95-2	Phenol	22	U
111-44-4	Bis(2-chloroethyl)ether	22	U
95-57-8	2-Chlorophenol	22	U
95-48-7	2-Methylphenol	22	U
108-60-1	2,2'-Oxybis(1-chloropropane)	22	U
98-86-2	Acetophenone	22	U
106-44-5	4-Methylphenol	22	U
621-64-7	N-Nitroso-di-n-propylamine	22	U
67-72-1	Hexachloroethane	22	U
98-95-3	Nitrobenzene	22	U
78-59-1	Isophorone	22	U
88-75-5	2-Nitrophenol	22	U
105-67-9	2,4-Dimethylphenol	22	U
111-91-1	Bis(2-chloroethoxy)methane	22	U
120-83-2	2,4-Dichlorophenol	22	U
91-20-3	Naphthalene	22	U
106-47-8	4-Chloroaniline	22	U
87-68-3	Hexachlorobutadiene	22	U
105-60-2	Caprolactam	22	U
59-50-7	4-Chloro-3-methylphenol	22	U
91-57-6	2-Methylnaphthalene	22	U
77-47-4	Hexachlorocyclopentadiene	55	UJ
88-06-2	2,4,6-Trichlorophenol	22	U
95-95-4	2,4,5-Trichlorophenol	22	U
92-52-4	1,1'-Biphenyl	22	U
91-58-7	2-Chloronaphthalene	22	U
88-74-4	2-Nitroaniline	44	U
131-11-3	Dimethylphthalate	22	U
606-20-2	2,6-Dinitrotoluene	22	U
208-96-8	Acenaphthylene	22	U
99-09-2	3-Nitroaniline	44	U
83-32-9	Acenaphthene	22	U
51-28-5	2,4-Dinitrophenol	110	UJ
100-02-7	4-Nitrophenol	44	U
132-64-9	Dibenzofuran	22	U
121-14-2	2,4-Dinitrotoluene	22	U

9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K49

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.09

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0825

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 9.0 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 4.8 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	22	U
86-73-7	Fluorene	22	U
7005-72-3	4-Chlorophenyl-phenylether	22	U
100-01-6	4-Nitroaniline	44	U
534-52-1	4,6-Dinitro-2-methylphenol	44	U
86-30-6	N-Nitrosodiphenylamine 1	22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	22	U
101-55-3	4-Bromophenyl-phenylether	22	U
118-74-1	Hexachlorobenzene	22	U
1912-24-9	Atrazine	22	U
87-86-5	Pentachlorophenol	22	UJ
85-01-8	Phenanthrene	22	U
120-12-7	Anthracene	22	U
86-74-8	Carbazole	22	U
84-74-2	Di-n-butylphthalate	22	U
206-44-0	Fluoranthene	22	U
129-00-0	Pyrene	22	U
85-68-7	Butylbenzylphthalate	22	U
91-94-1	3,3'-Dichlorobenzidine	22	U
56-55-3	Benzo(a)anthracene	22	U
218-01-9	Chrysene	22	U
117-81-7	Bis(2-ethylhexyl)phthalate	82	
117-84-0	Di-n-octylphthalate	22	U
205-99-2	Benzo(b)fluoranthene	22	U
207-08-9	Benzo(k)fluoranthene	22	U
50-32-8	Benzo(a)pyrene	22	U
193-39-5	Indeno(1,2,3-cd)pyrene	22	U
53-70-3	Dibenzo(a,h)anthracene	22	U
191-24-2	Benzo(g,h,i)perylene	22	U
58-90-2	2,3,4,6-Tetrachlorophenol	22	U
92-87-5	Benzidine	22	U
95-50-1	1,2-Dichlorobenzene	22	U
106-46-7	1,4-Dichlorobenzene	22	U
541-73-1	1,3-Dichlorobenzene	22	U
62-75-9	N-Nitrosodimethylamine	22	U
95-63-6	1,2,4-Trimethylbenzene	22	U
108-67-8	1,3,5-Trimethylbenzene	22	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K49

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.09

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0825

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 9.0 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 4.8 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	65	JN
02		Unknown-02	2.58	54	J
03		Unknown-03	3.09	160	J
04		Unknown-04	4.17	88	J
05		Unknown-05	4.21	48	J
06		Unknown-06	4.40	62	J
07		Unknown-07	4.67	65	J
08		Unknown-08	4.91	85	J
09		Unknown-09	8.08	70	J
10	1000157-89-9	p-menth-1-en-8-ol	8.60	66	NJ
11		Unknown-10	10.04	84	JN
12	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.26	240	NJ
13		Unknown-11	10.57	69	JN
14	000123-95-5	Octadecanoic acid, butyl este	16.63	70	NJ
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K49

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.09

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0919

Extraction: (Type) SONC

% Moisture: 9.0 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 4.8 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	1.0	J Q
91-57-6	2-Methylnaphthalene	1.1	U
208-96-8	Acenaphthylene	1.1	U
83-32-9	Acenaphthene	1.1	U
86-73-7	Fluorene	1.1	U
87-86-5	Pentachlorophenol	2.2	U
85-01-8	Phenanthrene	0.61	J Q
120-12-7	Anthracene	1.1	U
206-44-0	Fluoranthene	1.1	U
129-00-0	Pyrene	1.1	U
56-55-3	Benzo(a)anthracene	1.1	U
218-01-9	Chrysene	1.1	U
205-99-2	Benzo(b)fluoranthene	1.1	UJ
207-08-9	Benzo(k)fluoranthene	1.1	UJ
50-32-8	Benzo(a)pyrene	0.65	J Q
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	
53-70-3	Dibenzo(a,h)anthracene	1.1	
191-24-2	Benzo(g,h,i)perylene	1.3	

[1] Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08 02823

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K54

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.02

Sample wt/vol: 3.900 (g/mL) G Lab File ID: B16340

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 39 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	2.1	U
74-87-3	Chloromethane	2.1	U
75-01-4	Vinyl chloride	2.1	U
74-83-9	Bromomethane	2.1	U
75-00-3	Chloroethane	2.1	U
75-69-4	Trichlorofluoromethane	1.9	J Q
75-35-4	1,1-Dichloroethene	2.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.1	U
67-64-1	Acetone	55	
75-15-0	Carbon disulfide	2.1	U
79-20-9	Methyl acetate	2.1	U
75-09-2	Methylene chloride	2.1	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	2.1	U
1634-04-4	Methyl tert-butyl ether	2.1	U
75-34-3	1,1-Dichloroethane	2.1	U
156-59-2	cis-1,2-Dichloroethene	2.1	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	2.1	U
67-66-3	Chloroform	2.1	U
71-55-6	1,1,1-Trichloroethane	2.1	U
110-82-7	Cyclohexane	2.1	U
56-23-5	Carbon tetrachloride	2.1	U
71-43-2	Benzene	2.2	
107-06-2	1,2-Dichloroethane	2.1	U
123-91-1	1,4-Dioxane	210	U
79-01-6	Trichloroethene	2.1	U
108-87-2	Methylcyclohexane	2.1	U
78-87-5	1,2-Dichloropropane	2.1	U
75-27-4	Bromodichloromethane	2.1	U
10061-01-5	cis-1,3-Dichloropropene	2.1	U
108-10-1	4-Methyl-2-pentanone	11	U
108-88-3	Toluene	0.84	J Q
10061-02-6	trans-1,3-Dichloropropene	2.1	U
79-00-5	1,1,2-Trichloroethane	2.1	U

8/25/08

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K54

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.02

Sample wt/vol: 3.900 (g/mL) G Lab File ID: B16340

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 39 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	0.59	J
591-78-6	2-Hexanone	11	UI
124-48-1	Dibromochloromethane	2.1	U
106-93-4	1,2-Dibromoethane	2.1	U
108-90-7	Chlorobenzene	2.1	U
100-41-4	Ethylbenzene	2.1	U
95-47-6	o-Xylene	2.1	U
179601-23-1	m,p-Xylene	2.1	U
100-42-5	Styrene	2.1	U
75-25-2	Bromoform	2.1	U
98-82-8	Isopropylbenzene	2.1	U
79-34-5	1,1,2,2-Tetrachloroethane	2.1	U
541-73-1	1,3-Dichlorobenzene	2.1	U
106-46-7	1,4-Dichlorobenzene	2.1	U
95-50-1	1,2-Dichlorobenzene	2.1	U
96-12-8	1,2-Dibromo-3-chloropropane	2.1	U
120-82-1	1,2,4-Trichlorobenzene	0.23	JB Q
87-61-6	1,2,3-Trichlorobenzene	0.14	JB Q
87-68-3	Hexachlorobutadiene	2.1	U
67-72-1	Hexachloroethane	4.2	U
91-20-3	Naphthalene	1.6	JB Q
630-20-6	1,1,1,2-Tetrachloroethane	2.1	U
96-18-4	1,2,3-Trichloropropane	2.1	U

8/28/08

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K54

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.02

Sample wt/vol: 3.900 (g/mL) G Lab File ID: B16340

Level: (TRACE or LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 39 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	6.10	6.1	JN
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E9667961	Total Alkanes	N/A	11	JN

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/28/08

Report All Except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K54

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.02

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0832

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 39 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	33	U
108-95-2	Phenol	33	U
111-44-4	Bis(2-chloroethyl)ether	33	U
95-57-8	2-Chlorophenol	33	U
95-48-7	2-Methylphenol	33	U
108-60-1	2,2'-Oxybis(1-chloropropane)	33	U
98-86-2	Acetophenone	33	U
106-44-5	4-Methylphenol	33	U
621-64-7	N-Nitroso-di-n-propylamine	33	U
67-72-1	Hexachloroethane	33	U
98-95-3	Nitrobenzene	33	U
78-59-1	Isophorone	33	U
88-75-5	2-Nitrophenol	33	U
105-67-9	2,4-Dimethylphenol	33	U
111-91-1	Bis(2-chloroethoxy)methane	33	U
120-83-2	2,4-Dichlorophenol	33	U
91-20-3	Naphthalene	33	U
106-47-8	4-Chloroaniline	33	U
87-68-3	Hexachlorobutadiene	33	U
105-60-2	Caprolactam	33	U
59-50-7	4-Chloro-3-methylphenol	33	U
91-57-6	2-Methylnaphthalene	33	U
77-47-4	Hexachlorocyclopentadiene	82	UJ
88-06-2	2,4,6-Trichlorophenol	33	U
95-95-4	2,4,5-Trichlorophenol	33	U
92-52-4	1,1'-Biphenyl	33	U
91-58-7	2-Chloronaphthalene	33	U
88-74-4	2-Nitroaniline	66	U
131-11-3	Dimethylphthalate	33	U
606-20-2	2,6-Dinitrotoluene	33	U
208-96-8	Acenaphthylene	33	U
99-09-2	3-Nitroaniline	66	U
83-32-9	Acenaphthene	33	U
51-28-5	2,4-Dinitrophenol	160	UJ
100-02-7	4-Nitrophenol	66	U
132-64-9	Dibenzofuran	33	U
121-14-2	2,4-Dinitrotoluene	33	U

9/3/08

SOM01.2 (6/2007) 01419

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K54

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.02

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0832

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 39 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	33	U
86-73-7	Fluorene	33	U
7005-72-3	4-Chlorophenyl-phenylether	33	U
100-01-6	4-Nitroaniline	66	U
534-52-1	4,6-Dinitro-2-methylphenol	66	U
86-30-6	N-Nitrosodiphenylamine 1	33	U
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U
101-55-3	4-Bromophenyl-phenylether	33	U
118-74-1	Hexachlorobenzene	33	U
1912-24-9	Atrazine	33	U
87-86-5	Pentachlorophenol	33	UJ
85-01-8	Phenanthrene	33	U
120-12-7	Anthracene	33	U
86-74-8	Carbazole	33	U
84-74-2	Di-n-butylphthalate	33	U
206-44-0	Fluoranthene	33	U
129-00-0	Pyrene	33	U
85-68-7	Butylbenzylphthalate	33	U
91-94-1	3,3'-Dichlorobenzidine	33	U
56-55-3	Benzo(a)anthracene	33	U
218-01-9	Chrysene	33	U
117-81-7	Bis(2-ethylhexyl)phthalate	160	
117-84-0	Di-n-octylphthalate	33	U
205-99-2	Benzo(b)fluoranthene	33	U
207-08-9	Benzo(k)fluoranthene	33	U
50-32-8	Benzo(a)pyrene	33	U
193-39-5	Indeno(1,2,3-cd)pyrene	33	U
53-70-3	Dibenzo(a,h)anthracene	33	U
191-24-2	Benzo(g,h,i)perylene	33	U
58-90-2	2,3,4,6-Tetrachlorophenol	33	U
92-87-5	Benzidine	33	U
95-50-1	1,2-Dichlorobenzene	33	U
106-46-7	1,4-Dichlorobenzene	33	U
541-73-1	1,3-Dichlorobenzene	33	U
62-75-9	N-Nitrosodimethylamine	33	U
95-63-6	1,2,4-Trimethylbenzene	33	U
108-67-8	1,3,5-Trimethylbenzene	33	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K54

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.02

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0832

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 39 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	55	JN
02		Unknown-02	2.31	45	J
03		Unknown-03	2.35	41	J
04		Unknown-04	2.47	46	J
05		Unknown-05	2.58	50	J
06		Unknown-06	2.69	43	J
07		Unknown-07	3.09	200	J
08		Unknown-08	3.64	49	J
09		Unknown-09	4.17	100	J
10		Unknown-10	4.21	73	J
11		Unknown-11	4.41	100	J
12		Unknown-12	4.67	89	J
13		Unknown-13	4.91	100	J
14		Unknown-14	8.09	59	J
15		Unknown-15	8.60	100	J
16		Unknown-16	10.04	84	J
17	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.27	370	NJ
18		Unknown-17	10.58	110	JN
19		Unknown-18	10.92	45	J
20		Unknown-19	11.13	64	J
21		Unknown-20	12.88	42	J
22	283155-62-4	N1-Tetrahydrofuran-2-ylmethyl	15.58	57	NJ
23	000301-02-0	9-Octadecenamide, (Z)-	16.07	43	NJ
24	007683-64-9	Squalene	18.23	110	NJ
25		Unknown-21	12.60	59	JN
26	062016-79-9	Heptacosane, 1-chloro-	19.54	46	NJ
27		Unknown-22	19.75	51	JN
28					
29					
30					
	E966796[2]	Total Alkanes	N/A	53	JN

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

91412

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K54

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.02

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0926

Extraction: (Type) SONC

% Moisture: 39 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 5.9 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	1.6	U
91-57-6	2-Methylnaphthalene	1.6	U
208-96-8	Acenaphthylene	1.6	U
83-32-9	Acenaphthene	1.6	U
86-73-7	Fluorene	1.6	U
87-86-5	Pentachlorophenol	3.3	U
85-01-8	Phenanthrene	1.6	U
120-12-7	Anthracene	1.6	U
206-44-0	Fluoranthene	1.6	U
129-00-0	Pyrene	1.0	J Q
56-55-3	Benzo(a)anthracene	1.6	U
218-01-9	Chrysene	1.1	J Q
205-99-2	Benzo(b)fluoranthene	1.6	UJ
207-08-9	Benzo(k)fluoranthene	0.90	J Q
50-32-8	Benzo(a)pyrene	1.1	J Q
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	
53-70-3	Dibenzo(a,h)anthracene	1.5	J Q
191-24-2	Benzo(g,h,i)perylene	2.2	

[1] Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K55

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.03

Sample wt/vol: 5.400 (g/mL) G Lab File ID: B16344

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 14 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.1	U
74-87-3	Chloromethane	1.1	U
75-01-4	Vinyl chloride	1.1	U
74-83-9	Bromomethane	1.1	U
75-00-3	Chloroethane	1.1	U
75-69-4	Trichlorofluoromethane	0.60	JQ
75-35-4	1,1-Dichloroethene	1.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.1	U
67-64-1	Acetone	31	
75-15-0	Carbon disulfide	1.1	U
79-20-9	Methyl acetate	1.1	U
75-09-2	Methylene chloride	1.1 ~~0.95~~	~~JB~~U
156-60-5	trans-1,2-Dichloroethene	1.1	U
1634-04-4	Methyl tert-butyl ether	1.1	U
75-34-3	1,1-Dichloroethane	1.1	U
156-59-2	cis-1,2-Dichloroethene	1.1	U
78-93-3	2-Butanone	5.4	U
74-97-5	Bromochloromethane	1.1	U
67-66-3	Chloroform	1.1	U
71-55-6	1,1,1-Trichloroethane	1.1	U
110-82-7	Cyclohexane	1.1	U
56-23-5	Carbon tetrachloride	1.1	U
71-43-2	Benzene	2.0	
107-06-2	1,2-Dichloroethane	1.1	U
123-91-1	1,4-Dioxane	110	U
79-01-6	Trichloroethene	1.1	U
108-87-2	Methylcyclohexane	1.1	U
78-87-5	1,2-Dichloropropane	1.1	U
75-27-4	Bromodichloromethane	1.1	U
10061-01-5	cis-1,3-Dichloropropene	1.1	U
108-10-1	4-Methyl-2-pentanone	5.4	U
108-88-3	Toluene	0.57	JQ
10061-02-6	trans-1,3-Dichloropropene	1.1	U
79-00-5	1,1,2-Trichloroethane	1.1	U

8/28/08

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K55

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.03

Sample wt/vol: 5.400 (g/mL) G Lab File ID: B16344

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 14 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.1	U
591-78-6	2-Hexanone	5.4	UJ
124-48-1	Dibromochloromethane	1.1	U
106-93-4	1,2-Dibromoethane	1.1	U
108-90-7	Chlorobenzene	1.1	U
100-41-4	Ethylbenzene	1.1	U
95-47-6	o-Xylene	1.1	U
179601-23-1	m,p-Xylene	1.1	U
100-42-5	Styrene	1.1	U
75-25-2	Bromoform	1.1	U
98-82-8	Isopropylbenzene	1.1	U
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U
541-73-1	1,3-Dichlorobenzene	1.1	U
106-46-7	1,4-Dichlorobenzene	1.1	U
95-50-1	1,2-Dichlorobenzene	1.1	U
96-12-8	1,2-Dibromo-3-chloropropane	1.1	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	U
87-68-3	Hexachlorobutadiene	1.1	U
67-72-1	Hexachloroethane	2.2	U
91-20-3	Naphthalene	0.62	J~~B~~Q
630-20-6	1,1,1,2-Tetrachloroethane	1.1	U
96-18-4	1,2,3-Trichloropropane	1.1	U

8/28/08

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K55

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.03

Sample wt/vol: 5.400 (g/mL) G Lab File ID: B16344

Level: (TRACE or LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 14 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	1.68	1800	JN
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
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17					
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19					
20					
21					
22					
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24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K55

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.03

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0833

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 14 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	23	U
108-95-2	Phenol	23	U
111-44-4	Bis(2-chloroethyl)ether	23	U
95-57-8	2-Chlorophenol	23	U
95-48-7	2-Methylphenol	23	U
108-60-1	2,2'-Oxybis(1-chloropropane)	23	U
98-86-2	Acetophenone	23	U
106-44-5	4-Methylphenol	23	U
621-64-7	N-Nitroso-di-n-propylamine	23	U
67-72-1	Hexachloroethane	23	U
98-95-3	Nitrobenzene	23	U
78-59-1	Isophorone	23	U
88-75-5	2-Nitrophenol	23	U
105-67-9	2,4-Dimethylphenol	23	U
111-91-1	Bis(2-chloroethoxy)methane	23	U
120-83-2	2,4-Dichlorophenol	23	U
91-20-3	Naphthalene	23	U
106-47-8	4-Chloroaniline	23	U
87-68-3	Hexachlorobutadiene	23	U
105-60-2	Caprolactam	23	U
59-50-7	4-Chloro-3-methylphenol	23	U
91-57-6	2-Methylnaphthalene	23	U
77-47-4	Hexachlorocyclopentadiene	58	UJ
88-06-2	2,4,6-Trichlorophenol	23	U
95-95-4	2,4,5-Trichlorophenol	23	U
92-52-4	1,1'-Biphenyl	23	U
91-58-7	2-Chloronaphthalene	23	U
88-74-4	2-Nitroaniline	46	U
131-11-3	Dimethylphthalate	23	U
606-20-2	2,6-Dinitrotoluene	23	U
208-96-8	Acenaphthylene	23	U
99-09-2	3-Nitroaniline	46	U
83-32-9	Acenaphthene	23	U
51-28-5	2,4-Dinitrophenol	120	UJ
100-02-7	4-Nitrophenol	46	U
132-64-9	Dibenzofuran	23	U
121-14-2	2,4-Dinitrotoluene	23	U

9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K55

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.03

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0833

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 14 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	23	U
86-73-7	Fluorene	23	U
7005-72-3	4-Chlorophenyl-phenylether	23	U
100-01-6	4-Nitroaniline	46	U
534-52-1	4,6-Dinitro-2-methylphenol	46	U
86-30-6	N-Nitrosodiphenylamine 1	23	U
95-94-3	1,2,4,5-Tetrachlorobenzene	23	U
101-55-3	4-Bromophenyl-phenylether	23	U
118-74-1	Hexachlorobenzene	23	U
1912-24-9	Atrazine	23	U
87-86-5	Pentachlorophenol	23	UJ
85-01-8	Phenanthrene	23	U
120-12-7	Anthracene	23	U
86-74-8	Carbazole	23	U
84-74-2	Di-n-butylphthalate	23	U
206-44-0	Fluoranthene	23	U
129-00-0	Pyrene	23	U
85-68-7	Butylbenzylphthalate	23	U
91-94-1	3,3'-Dichlorobenzidine	23	U
56-55-3	Benzo(a)anthracene	23	U
218-01-9	Chrysene	23	U
117-81-7	Bis(2-ethylhexyl)phthalate	96	
117-84-0	Di-n-octylphthalate	23	U
205-99-2	Benzo(b)fluoranthene	23	U
207-08-9	Benzo(k)fluoranthene	23	U
50-32-8	Benzo(a)pyrene	23	U
193-39-5	Indeno(1,2,3-cd)pyrene	23	U
53-70-3	Dibenzo(a,h)anthracene	23	U
191-24-2	Benzo(g,h,i)perylene	23	U
58-90-2	2,3,4,6-Tetrachlorophenol	23	U
92-87-5	Benzidine	23	U
95-50-1	1,2-Dichlorobenzene	23	U
106-46-7	1,4-Dichlorobenzene	23	U
541-73-1	1,3-Dichlorobenzene	23	U
62-75-9	N-Nitrosodimethylamine	23	U
95-63-6	1,2,4-Trimethylbenzene	23	U
108-67-8	1,3,5-Trimethylbenzene	23	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K55

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.03

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0833

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 14 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	75	JN
02		Unknown-02	2.58	56	J
03		Unknown-03	3.09	190	J
04		Unknown-04	3.65	57	J
05		Unknown-05	4.17	180	J
06		Unknown-06	4.40	74	J
07		Unknown-07	4.67	87	J
08		Unknown-08	4.91	100	J
09		Unknown-09	10.27	210	J
10		Unknown-10	18.24	63	J
11		Unknown-11	22.28	62	J
12	000515-13-9	Cyclohexane, 1-ethenyl-1-meth	22.78	83	NJ
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

91455

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K55

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.03

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0927

Extraction: (Type) SONC

% Moisture: 14 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	1.2	U
91-57-6	2-Methylnaphthalene	1.2	U
208-96-8	Acenaphthylene	1.2	U
83-32-9	Acenaphthene	1.2	U
86-73-7	Fluorene	1.2	U
87-86-5	Pentachlorophenol	2.3	U
85-01-8	Phenanthrene	1.2	U
120-12-7	Anthracene	1.2	U
206-44-0	Fluoranthene	1.2	U
129-00-0	Pyrene	1.2	U
56-55-3	Benzo(a)anthracene	1.2	U
218-01-9	Chrysene	1.2	U
205-99-2	Benzo(b)fluoranthene	1.2	UJ
207-08-9	Benzo(k)fluoranthene	1.2	UJ
50-32-8	Benzo(a)pyrene	1.2	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	
53-70-3	Dibenzo(a,h)anthracene	1.1	J
191-24-2	Benzo(g,h,i)perylene	1.7	

[1] Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/2/08

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K56

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.04

Sample wt/vol: 4.900 (g/mL) G Lab File ID: B16345

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 16 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.2	U
74-87-3	Chloromethane	1.2	U
75-01-4	Vinyl chloride	1.2	U
74-83-9	Bromomethane	1.2	U
75-00-3	Chloroethane	1.2	U
75-69-4	Trichlorofluoromethane	0.94	J Q
75-35-4	1,1-Dichloroethene	1.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	U
67-64-1	Acetone	40	
75-15-0	Carbon disulfide	1.2	U
79-20-9	Methyl acetate	1.2	U
75-09-2	Methylene chloride	1.3	~~B~~U
156-60-5	trans-1,2-Dichloroethene	1.2	U
1634-04-4	Methyl tert-butyl ether	1.2	U
75-34-3	1,1-Dichloroethane	1.2	U
156-59-2	cis-1,2-Dichloroethene	1.2	U
78-93-3	2-Butanone	6.1	U
74-97-5	Bromochloromethane	1.2	U
67-66-3	Chloroform	1.2	U
71-55-6	1,1,1-Trichloroethane	1.2	U
110-82-7	Cyclohexane	1.2	U
56-23-5	Carbon tetrachloride	1.2	U
71-43-2	Benzene	1.2	J Q
107-06-2	1,2-Dichloroethane	1.2	U
123-91-1	1,4-Dioxane	120	U
79-01-6	Trichloroethene	1.2	U
108-87-2	Methylcyclohexane	1.2	U
78-87-5	1,2-Dichloropropane	1.2	U
75-27-4	Bromodichloromethane	1.2	U
10061-01-5	cis-1,3-Dichloropropene	1.2	U
108-10-1	4-Methyl-2-pentanone	6.1	U
108-88-3	Toluene	0.63	J Q
10061-02-6	trans-1,3-Dichloropropene	1.2	U
79-00-5	1,1,2-Trichloroethane	1.2	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K56

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.04

Sample wt/vol: 4.900 (g/mL) G Lab File ID: B16345

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 16 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.2	U
591-78-6	2-Hexanone	6.1	UJ
124-48-1	Dibromochloromethane	1.2	U
106-93-4	1,2-Dibromoethane	1.2	U
108-90-7	Chlorobenzene	1.2	U
100-41-4	Ethylbenzene	1.2	U
95-47-6	o-Xylene	1.2	U
179601-23-1	m,p-Xylene	1.2	U
100-42-5	Styrene	1.2	U
75-25-2	Bromoform	1.2	U
98-82-8	Isopropylbenzene	1.2	U
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U
541-73-1	1,3-Dichlorobenzene	1.2	U
106-46-7	1,4-Dichlorobenzene	1.2	U
95-50-1	1,2-Dichlorobenzene	1.2	U
96-12-8	1,2-Dibromo-3-chloropropane	1.2	U
120-82-1	1,2,4-Trichlorobenzene	6.1	U
87-61-6	1,2,3-Trichlorobenzene	6.1	U
87-68-3	Hexachlorobutadiene	1.2	U
67-72-1	Hexachloroethane	2.4	U
91-20-3	Naphthalene	0.58	JBQ
630-20-6	1,1,1,2-Tetrachloroethane	1.2	U
96-18-4	1,2,3-Trichloropropane	1.2	U

8/28/08

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K56

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.04

Sample wt/vol: 4.900 (g/mL) G Lab File ID: B16345

Level: (TRACE or LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 16 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	26	JN
02		Unknown-02	2.38	18	JN
03					
04					
05					
06					
07					
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10					
11					
12					
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26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/28/08

Report All Except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K56

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.04

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0834

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 16 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	24	U
108-95-2	Phenol	24	U
111-44-4	Bis(2-chloroethyl)ether	24	U
95-57-8	2-Chlorophenol	24	U
95-48-7	2-Methylphenol	24	U
108-60-1	2,2'-Oxybis(1-chloropropane)	24	U
98-86-2	Acetophenone	24	U
106-44-5	4-Methylphenol	24	U
621-64-7	N-Nitroso-di-n-propylamine	24	U
67-72-1	Hexachloroethane	24	U
98-95-3	Nitrobenzene	24	U
78-59-1	Isophorone	24	U
88-75-5	2-Nitrophenol	24	U
105-67-9	2,4-Dimethylphenol	24	U
111-91-1	Bis(2-chloroethoxy)methane	24	U
120-83-2	2,4-Dichlorophenol	24	U
91-20-3	Naphthalene	24	U
106-47-8	4-Chloroaniline	24	U
87-68-3	Hexachlorobutadiene	24	U
105-60-2	Caprolactam	24	U
59-50-7	4-Chloro-3-methylphenol	24	U
91-57-6	2-Methylnaphthalene	24	U
77-47-4	Hexachlorocyclopentadiene	59	UJ
88-06-2	2,4,6-Trichlorophenol	24	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	1,1'-Biphenyl	24	U
91-58-7	2-Chloronaphthalene	24	U
88-74-4	2-Nitroaniline	47	U
131-11-3	Dimethylphthalate	24	U
606-20-2	2,6-Dinitrotoluene	24	U
208-96-8	Acenaphthylene	24	U
99-09-2	3-Nitroaniline	47	U
83-32-9	Acenaphthene	24	U
51-28-5	2,4-Dinitrophenol	120	UJ
100-02-7	4-Nitrophenol	47	U
132-64-9	Dibenzofuran	24	U
121-14-2	2,4-Dinitrotoluene	24	U

9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K56

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.04

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0834

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 16 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	24	U
86-73-7	Fluorene	24	U
7005-72-3	4-Chlorophenyl-phenylether	24	U
100-01-6	4-Nitroaniline	47	U
534-52-1	4,6-Dinitro-2-methylphenol	47	U
86-30-6	N-Nitrosodiphenylamine 1	24	U
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U
101-55-3	4-Bromophenyl-phenylether	24	U
118-74-1	Hexachlorobenzene	24	U
1912-24-9	Atrazine	24	U
87-86-5	Pentachlorophenol	24	UJ
85-01-8	Phenanthrene	24	U
120-12-7	Anthracene	24	U
86-74-8	Carbazole	24	U
84-74-2	Di-n-butylphthalate	24	U
206-44-0	Fluoranthene	24	U
129-00-0	Pyrene	24	U
85-68-7	Butylbenzylphthalate	24	U
91-94-1	3,3'-Dichlorobenzidine	24	U
56-55-3	Benzo(a)anthracene	24	U
218-01-9	Chrysene	24	U
117-81-7	Bis(2-ethylhexyl)phthalate	120	
117-84-0	Di-n-octylphthalate	24	U
205-99-2	Benzo(b)fluoranthene	24	U
207-08-9	Benzo(k)fluoranthene	24	U
50-32-8	Benzo(a)pyrene	24	U
193-39-5	Indeno(1,2,3-cd)pyrene	24	U
53-70-3	Dibenzo(a,h)anthracene	24	U
191-24-2	Benzo(g,h,i)perylene	24	U
58-90-2	2,3,4,6-Tetrachlorophenol	24	U
92-87-5	Benzidine	24	U
95-50-1	1,2-Dichlorobenzene	24	U
106-46-7	1,4-Dichlorobenzene	24	U
541-73-1	1,3-Dichlorobenzene	24	U
62-75-9	N-Nitrosodimethylamine	24	U
95-63-6	1,2,4-Trimethylbenzene	24	U
108-67-8	1,3,5-Trimethylbenzene	24	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K56

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.04

Sample wt/vol: 100.6 (g/mL) G Lab File ID: G0834

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 16 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	45	JN
02		Unknown-02	2.70	55	J
03		Unknown-03	3.09	170	J
04		Unknown-04	4.17	87	J
05		Unknown-05	4.21	58	J
06		Unknown-06	4.40	67	J
07		Unknown-07	4.67	81	J
08		Unknown-08	4.91	86	J
09		Unknown-09	8.10	73	J
10		Unknown-10	8.60	86	J
11		Unknown-11	10.09	100	J
12	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.27	340	NJ
13	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.58	100	NJ
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08 B1486

Repoat All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K56

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.04

Sample wt/vol: 100.0 (g/mL) G Lab File ID: G0934

Extraction: (Type) SONC

% Moisture: 16 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/15/2008

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	3.0	J
91-57-6	2-Methylnaphthalene	3.1	J
208-96-8	Acenaphthylene	1.2	UJ
83-32-9	Acenaphthene	4.7	J
86-73-7	Fluorene	3.4	J
87-86-5	Pentachlorophenol	2.4	UJ
85-01-8	Phenanthrene	11	J
120-12-7	Anthracene	4.1	
206-44-0	Fluoranthene	5.3	
129-00-0	Pyrene	7.3	
56-55-3	Benzo(a)anthracene	2.2	
218-01-9	Chrysene	3.1	
205-99-2	Benzo(b)fluoranthene	1.2	UJ
207-08-9	Benzo(k)fluoranthene	1.6	J
50-32-8	Benzo(a)pyrene	2.7	
193-39-5	Indeno(1,2,3-cd)pyrene	3.0	
53-70-3	Dibenzo(a,h)anthracene	2.3	
191-24-2	Benzo(g,h,i)perylene	3.7	

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K57

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.05

Sample wt/vol: 4.600 (g/mL) G Lab File ID: B16346

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 17 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.3	U
74-87-3	Chloromethane	1.3	U
75-01-4	Vinyl chloride	1.3	U
74-83-9	Bromomethane	1.3	U
75-00-3	Chloroethane	1.3	U
75-69-4	Trichlorofluoromethane	1.8	
75-35-4	1,1-Dichloroethene	1.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	U
67-64-1	Acetone	6.5	U
75-15-0	Carbon disulfide	1.3	U
79-20-9	Methyl acetate	1.3	U
75-09-2	Methylene chloride	1.3 ~~1.0~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.3	U
1634-04-4	Methyl tert-butyl ether	1.3	U
75-34-3	1,1-Dichloroethane	1.3	U
156-59-2	cis-1,2-Dichloroethene	1.3	U
78-93-3	2-Butanone	6.5	U
74-97-5	Bromochloromethane	1.3	U
67-66-3	Chloroform	1.3	U
71-55-6	1,1,1-Trichloroethane	1.3	U
110-82-7	Cyclohexane	1.3	U
56-23-5	Carbon tetrachloride	1.3	U
71-43-2	Benzene	0.85	J Q
107-06-2	1,2-Dichloroethane	1.3	U
123-91-1	1,4-Dioxane	130	U
79-01-6	Trichloroethene	1.3	U
108-87-2	Methylcyclohexane	1.3	U
78-87-5	1,2-Dichloropropane	1.3	U
75-27-4	Bromodichloromethane	1.3	U
10061-01-5	cis-1,3-Dichloropropene	1.3	U
108-10-1	4-Methyl-2-pentanone	6.5	U
108-88-3	Toluene	1.2	J Q
10061-02-6	trans-1,3-Dichloropropene	1.3	U
79-00-5	1,1,2-Trichloroethane	1.3	U

8/28/08

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K57

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.05

Sample wt/vol: 4.600 (g/mL) G Lab File ID: B16346

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 17 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.3	U
591-78-6	2-Hexanone	6.5	UJ
124-48-1	Dibromochloromethane	1.3	U
106-93-4	1,2-Dibromoethane	1.3	U
108-90-7	Chlorobenzene	1.3	U
100-41-4	Ethylbenzene	1.3	U
95-47-6	o-Xylene	1.3	U
179601-23-1	m,p-Xylene	1.3	U
100-42-5	Styrene	1.3	U
75-25-2	Bromoform	1.3	U
98-82-8	Isopropylbenzene	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U
541-73-1	1,3-Dichlorobenzene	1.3	U
106-46-7	1,4-Dichlorobenzene	1.3	U
95-50-1	1,2-Dichlorobenzene	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	U
120-82-1	1,2,4-Trichlorobenzene	6.5	U
87-61-6	1,2,3-Trichlorobenzene	6.5	U
87-68-3	Hexachlorobutadiene	1.3	U
67-72-1	Hexachloroethane	2.6	U
91-20-3	Naphthalene	1.3	U
630-20-6	1,1,1,2-Tetrachloroethane	1.3	U
96-18-4	1,2,3-Trichloropropane	1.3	U

8/28/08

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K57

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.05

Sample wt/vol: 4.600 (g/mL) G Lab File ID: B16346

Level: (TRACE or LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 17 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	11.16	8.1	~~J~~N
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/28/08

Report All Except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K57

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.05

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0840

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 17 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	24	U
108-95-2	Phenol	24	U
111-44-4	Bis(2-chloroethyl)ether	24	U
95-57-8	2-Chlorophenol	24	U
95-48-7	2-Methylphenol	24	U
108-60-1	2,2'-Oxybis(1-chloropropane)	24	U
98-86-2	Acetophenone	24	U
106-44-5	4-Methylphenol	24	U
621-64-7	N-Nitroso-di-n-propylamine	24	U
67-72-1	Hexachloroethane	24	U
98-95-3	Nitrobenzene	24	U
78-59-1	Isophorone	24	U
88-75-5	2-Nitrophenol	24	U
105-67-9	2,4-Dimethylphenol	24	U
111-91-1	Bis(2-chloroethoxy)methane	24	U
120-83-2	2,4-Dichlorophenol	24	U
91-20-3	Naphthalene	24	U
106-47-8	4-Chloroaniline	24	U
87-68-3	Hexachlorobutadiene	24	U
105-60-2	Caprolactam	24	U
59-50-7	4-Chloro-3-methylphenol	24	U
91-57-6	2-Methylnaphthalene	24	U
77-47-4	Hexachlorocyclopentadiene	60	UJ
88-06-2	2,4,6-Trichlorophenol	24	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	1,1'-Biphenyl	24	U
91-58-7	2-Chloronaphthalene	24	U
88-74-4	2-Nitroaniline	48	U
131-11-3	Dimethylphthalate	24	U
606-20-2	2,6-Dinitrotoluene	24	U
208-96-8	Acenaphthylene	24	U
99-09-2	3-Nitroaniline	48	U
83-32-9	Acenaphthene	24	U
51-28-5	2,4-Dinitrophenol	120	UJ
100-02-7	4-Nitrophenol	48	U
132-64-9	Dibenzofuran	24	U
121-14-2	2,4-Dinitrotoluene	24	U

9/3/08

SOM01.2 (6/2007)

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K57

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.05

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0840

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 17 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	24	U
86-73-7	Fluorene	24	U
7005-72-3	4-Chlorophenyl-phenylether	24	U
100-01-6	4-Nitroaniline	48	U
534-52-1	4,6-Dinitro-2-methylphenol	48	U
86-30-6	N-Nitrosodiphenylamine 1	24	U
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U
101-55-3	4-Bromophenyl-phenylether	24	U
118-74-1	Hexachlorobenzene	24	U
1912-24-9	Atrazine	24	U
87-86-5	Pentachlorophenol	24	UJ
85-01-8	Phenanthrene	24	U
120-12-7	Anthracene	24	U
86-74-8	Carbazole	24	U
84-74-2	Di-n-butylphthalate	24	U
206-44-0	Fluoranthene	24	U
129-00-0	Pyrene	24	U
85-68-7	Butylbenzylphthalate	24	U
91-94-1	3,3'-Dichlorobenzidine	24	U
56-55-3	Benzo(a)anthracene	24	U
218-01-9	Chrysene	24	U
117-81-7	Bis(2-ethylhexyl)phthalate	180	
117-84-0	Di-n-octylphthalate	24	U
205-99-2	Benzo(b)fluoranthene	24	U
207-08-9	Benzo(k)fluoranthene	24	U
50-32-8	Benzo(a)pyrene	24	U
193-39-5	Indeno(1,2,3-cd)pyrene	24	U
53-70-3	Dibenzo(a,h)anthracene	24	U
191-24-2	Benzo(g,h,i)perylene	24	U
58-90-2	2,3,4,6-Tetrachlorophenol	24	U
92-87-5	Benzidine	24	U
95-50-1	1,2-Dichlorobenzene	24	U
106-46-7	1,4-Dichlorobenzene	24	U
541-73-1	1,3-Dichlorobenzene	24	U
62-75-9	N-Nitrosodimethylamine	24	U
95-63-6	1,2,4-Trimethylbenzene	24	U
108-67-8	1,3,5-Trimethylbenzene	24	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K57

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.05

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0840

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 17 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.27	79	J~~B~~N
02		Unknown-02	3.09	120	J
03		Unknown-03	8.10	79	J
04		Unknown-04	8.60	68	J
05		Unknown-05	10.10	59	J
06		Unknown-06	10.16	49	J
07	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.27	470	NJ
08		Unknown-07	10.58	150	JN
09		Unknown-08	20.76	44	JN
10					
11					
12					
13					
14					
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22					
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25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/2/08 31515

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K57

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.05

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0937

Extraction: (Type) SONC

% Moisture: 17 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/15/2008

GPC Cleanup: (Y/N) Y pH: 5.6 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	1.2	U
91-57-6	2-Methylnaphthalene	1.2	U
208-96-8	Acenaphthylene	1.2	U
83-32-9	Acenaphthene	1.2	U
86-73-7	Fluorene	1.2	U
87-86-5	Pentachlorophenol	2.4	U
85-01-8	Phenanthrene	0.74	J Q
120-12-7	Anthracene	1.2	U
206-44-0	Fluoranthene	1.2	U
129-00-0	Pyrene	1.2	U
56-55-3	Benzo(a)anthracene	1.2	U
218-01-9	Chrysene	1.2	U
205-99-2	Benzo(b)fluoranthene	1.2	U
207-08-9	Benzo(k)fluoranthene	1.2	U
50-32-8	Benzo(a)pyrene	1.2	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.2	U
53-70-3	Dibenzo(a,h)anthracene	1.2	U
191-24-2	Benzo(g,h,i)perylene	0.77	J Q

[1] Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/2/08

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K61

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.06

Sample wt/vol: 4.700 (g/mL) G Lab File ID: B16347

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 22 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.4	U
74-87-3	Chloromethane	1.4	U
75-01-4	Vinyl chloride	1.4	U
74-83-9	Bromomethane	1.4	U
75-00-3	Chloroethane	1.4	U
75-69-4	Trichlorofluoromethane	3.2	
75-35-4	1,1-Dichloroethene	1.4	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	U
67-64-1	Acetone	36	
75-15-0	Carbon disulfide	1.4	U
79-20-9	Methyl acetate	1.4	U
75-09-2	Methylene chloride	1.4 ~~6.98~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.4	U
1634-04-4	Methyl tert-butyl ether	1.4	U
75-34-3	1,1-Dichloroethane	1.4	U
156-59-2	cis-1,2-Dichloroethene	1.4	U
78-93-3	2-Butanone	6.8	U
74-97-5	Bromochloromethane	1.4	U
67-66-3	Chloroform	1.4	U
71-55-6	1,1,1-Trichloroethane	1.4	U
110-82-7	Cyclohexane	1.4	U
56-23-5	Carbon tetrachloride	1.4	U
71-43-2	Benzene	1.4	U
107-06-2	1,2-Dichloroethane	1.4	U
123-91-1	1,4-Dioxane	140	U
79-01-6	Trichloroethene	1.4	U
108-87-2	Methylcyclohexane	1.4	U
78-87-5	1,2-Dichloropropane	1.4	U
75-27-4	Bromodichloromethane	1.4	U
10061-01-5	cis-1,3-Dichloropropene	1.4	U
108-10-1	4-Methyl-2-pentanone	6.8	U
108-88-3	Toluene	1.6	
10061-02-6	trans-1,3-Dichloropropene	1.4	U
79-00-5	1,1,2-Trichloroethane	1.4	U

8/28/08

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K61

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.06

Sample wt/vol: 4.700 (g/mL) G Lab File ID: B16347

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 22 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.4	U
591-78-6	2-Hexanone	6.8	UJ
124-48-1	Dibromochloromethane	1.4	U
106-93-4	1,2-Dibromoethane	1.4	U
108-90-7	Chlorobenzene	1.4	U
100-41-4	Ethylbenzene	1.4	U
95-47-6	o-Xylene	1.4	U
179601-23-1	m,p-Xylene	1.4	U
100-42-5	Styrene	1.4	U
75-25-2	Bromoform	1.4	U
98-82-8	Isopropylbenzene	1.4	U
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U
541-73-1	1,3-Dichlorobenzene	1.4	U
106-46-7	1,4-Dichlorobenzene	1.4	U
95-50-1	1,2-Dichlorobenzene	1.4	U
96-12-8	1,2-Dibromo-3-chloropropane	1.4	U
120-82-1	1,2,4-Trichlorobenzene	6.8	U
87-61-6	1,2,3-Trichlorobenzene	6.8	U
87-68-3	Hexachlorobutadiene	1.4	U
67-72-1	Hexachloroethane	2.7	U
91-20-3	Naphthalene	1.4	U
630-20-6	1,1,1,2-Tetrachloroethane	1.4	U
96-18-4	1,2,3-Trichloropropane	1.4	U

8/28/08

SOM01.2 (6/2007)

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K61

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.06

Sample wt/vol: 4.700 (g/mL) G Lab File ID: B16347

Level: (TRACE or LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 22 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	11.16	11	JBN
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

Report All but PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K61

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.06

Sample wt/vol: 100.4 (g/mL) G Lab File ID: G0841

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 22 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	26	U
108-95-2	Phenol	26	U
111-44-4	Bis(2-chloroethyl)ether	26	U
95-57-8	2-Chlorophenol	26	U
95-48-7	2-Methylphenol	26	U
108-60-1	2,2'-Oxybis(1-chloropropane)	26	U
98-86-2	Acetophenone	26	U
106-44-5	4-Methylphenol	26	U
621-64-7	N-Nitroso-di-n-propylamine	26	U
67-72-1	Hexachloroethane	26	U
98-95-3	Nitrobenzene	26	U
78-59-1	Isophorone	26	U
88-75-5	2-Nitrophenol	26	U
105-67-9	2,4-Dimethylphenol	26	U
111-91-1	Bis(2-chloroethoxy)methane	26	U
120-83-2	2,4-Dichlorophenol	26	U
91-20-3	Naphthalene	26	U
106-47-8	4-Chloroaniline	26	U
87-68-3	Hexachlorobutadiene	26	U
105-60-2	Caprolactam	26	U
59-50-7	4-Chloro-3-methylphenol	26	U
91-57-6	2-Methylnaphthalene	26	U
77-47-4	Hexachlorocyclopentadiene	64	U J
88-06-2	2,4,6-Trichlorophenol	26	U
95-95-4	2,4,5-Trichlorophenol	26	U
92-52-4	1,1'-Biphenyl	26	U
91-58-7	2-Chloronaphthalene	26	U
88-74-4	2-Nitroaniline	51	U
131-11-3	Dimethylphthalate	26	U
606-20-2	2,6-Dinitrotoluene	26	U
208-96-8	Acenaphthylene	26	U
99-09-2	3-Nitroaniline	51	U
83-32-9	Acenaphthene	26	U
51-28-5	2,4-Dinitrophenol	130	U J
100-02-7	4-Nitrophenol	51	U
132-64-9	Dibenzofuran	26	U
121-14-2	2,4-Dinitrotoluene	26	U

9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K61

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.06

Sample wt/vol: 100.4 (g/mL) G Lab File ID: G0841

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 22 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	26	U
86-73-7	Fluorene	26	U
7005-72-3	4-Chlorophenyl-phenylether	26	U
100-01-6	4-Nitroaniline	51	U
534-52-1	4,6-Dinitro-2-methylphenol	51	U
86-30-6	N-Nitrosodiphenylamine 1	26	U
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U
101-55-3	4-Bromophenyl-phenylether	26	U
118-74-1	Hexachlorobenzene	26	U
1912-24-9	Atrazine	26	U
87-86-5	Pentachlorophenol	26	UJ
85-01-8	Phenanthrene	26	U
120-12-7	Anthracene	26	U
86-74-8	Carbazole	26	U
84-74-2	Di-n-butylphthalate	26	U
206-44-0	Fluoranthene	26	U
129-00-0	Pyrene	26	U
85-68-7	Butylbenzylphthalate	26	U
91-94-1	3,3'-Dichlorobenzidine	26	U
56-55-3	Benzo(a)anthracene	26	U
218-01-9	Chrysene	26	U
117-81-7	Bis(2-ethylhexyl)phthalate	160	
117-84-0	Di-n-octylphthalate	26	U
205-99-2	Benzo(b)fluoranthene	26	U
207-08-9	Benzo(k)fluoranthene	26	U
50-32-8	Benzo(a)pyrene	26	U
193-39-5	Indeno(1,2,3-cd)pyrene	26	U
53-70-3	Dibenzo(a,h)anthracene	26	U
191-24-2	Benzo(g,h,i)perylene	26	U
58-90-2	2,3,4,6-Tetrachlorophenol	26	U
92-87-5	Benzidine	26	U
95-50-1	1,2-Dichlorobenzene	26	U
106-46-7	1,4-Dichlorobenzene	26	U
541-73-1	1,3-Dichlorobenzene	26	U
62-75-9	N-Nitrosodimethylamine	26	U
95-63-6	1,2,4-Trimethylbenzene	26	U
108-67-8	1,3,5-Trimethylbenzene	26	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K61

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.06

Sample wt/vol: 100.4 (g/mL) G Lab File ID: G0841

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 22 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.27	140	J~~B~~N
02		Unknown-02	3.09	210	J
03		Unknown 03	4.17	200	J
04		Unknown-04	4.40	130	J
05		Unknown-05	4.67	110	J
06		Unknown-06	4.91	110	J
07		Unknown-07	8.10	96	J
08	000098-55-5	3-Cyclohexene-1-methanol, .al	8.60	150	NJ
09		Unknown-08	10.09	120	JN
10	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.27	510	NJ
11		Unknown-09	10.58	130	JN
12		Unknown-10	15.30	83	J
13		Unknown-11	15.42	150	J
14		Unknown-12	15.46	86	J
15		Unknown-13	15.62	76	J
16		Unknown-14	15.68	74	J
17	001235-74-1	1-Phenanthrenecarboxylic acid	16.66	120	NJ
18		Unknown-15	18.47	64	JN
19		Unknown-16	22.07	99	JN
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

01539

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K61

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.06

Sample wt/vol: 100.4 (g/mL) G Lab File ID: G0938

Extraction: (Type) SONC

% Moisture: 22 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/15/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
91-20-3	Naphthalene	5.9		
91-57-6	2-Methylnaphthalene	6.2		
208-96-8	Acenaphthylene	1.8		
83-32-9	Acenaphthene	8.9		
86-73-7	Fluorene	6.0		
87-86-5	Pentachlorophenol	2.6	U	
85-01-8	Phenanthrene	21	~~X~~ J	9/17/08
120-12-7	Anthracene	6.7		
206-44-0	Fluoranthene	10		
129-00-0	Pyrene	15	~~X~~ J	9/17/08
56-55-3	Benzo(a)anthracene	4.4		
218-01-9	Chrysene	5.9		
205-99-2	Benzo(b)fluoranthene	2.4		
207-08-9	Benzo(k)fluoranthene	2.9		
50-32-8	Benzo(a)pyrene	4.8		
193-39-5	Indeno(1,2,3-cd)pyrene	2.2		
53-70-3	Dibenzo(a,h)anthracene	1.3	J	
191-24-2	Benzo(g,h,i)perylene	2.6		

[1] Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

02083

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K62

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.07

Sample wt/vol: 3.600 (g/mL) G Lab File ID: B16348

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 23 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.8	U
74-87-3	Chloromethane	1.8	U
75-01-4	Vinyl chloride	1.8	U
74-83-9	Bromomethane	1.8	U
75-00-3	Chloroethane	1.8	U
75-69-4	Trichlorofluoromethane	1.3	J Q
75-35-4	1,1-Dichloroethene	1.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	U
67-64-1	Acetone	25	
75-15-0	Carbon disulfide	1.8	U
79-20-9	Methyl acetate	1.8	U
75-09-2	Methylene chloride	1.8 ~~1.7~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.8	U
1634-04-4	Methyl tert-butyl ether	1.8	U
75-34-3	1,1-Dichloroethane	1.8	U
156-59-2	cis-1,2-Dichloroethene	1.8	U
78-93-3	2-Butanone	9.0	U
74-97-5	Bromochloromethane	1.8	U
67-66-3	Chloroform	1.8	U
71-55-6	1,1,1-Trichloroethane	1.8	U
110-82-7	Cyclohexane	1.8	U
56-23-5	Carbon tetrachloride	1.8	U
71-43-2	Benzene	1.4	J Q
107-06-2	1,2-Dichloroethane	1.8	U
123-91-1	1,4-Dioxane	180	U
79-01-6	Trichloroethene	1.8	U
108-87-2	Methylcyclohexane	1.8	U
78-87-5	1,2-Dichloropropane	1.8	U
75-27-4	Bromodichloromethane	1.8	U
10061-01-5	cis-1,3-Dichloropropene	1.8	U
108-10-1	4-Methyl-2-pentanone	9.0	U
108-88-3	Toluene	1.8	U
10061-02-6	trans-1,3-Dichloropropene	1.8	U
79-00-5	1,1,2-Trichloroethane	1.8	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K62

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.07

Sample wt/vol: 3.600 (g/mL) G Lab File ID: B16348

Level: (TRACE/LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 23 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.8	U
591-78-6	2-Hexanone	9.0	UJ
124-48-1	Dibromochloromethane	1.8	U
106-93-4	1,2-Dibromoethane	1.8	U
108-90-7	Chlorobenzene	1.8	U
100-41-4	Ethylbenzene	1.8	U
95-47-6	o-Xylene	1.8	U
179601-23-1	m,p-Xylene	1.8	U
100-42-5	Styrene	1.8	U
75-25-2	Bromoform	1.8	U
98-82-8	Isopropylbenzene	1.8	U
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U
541-73-1	1,3-Dichlorobenzene	1.8	U
106-46-7	1,4-Dichlorobenzene	1.8	U
95-50-1	1,2-Dichlorobenzene	1.8	U
96-12-8	1,2-Dibromo-3-chloropropane	1.8	U
120-82-1	1,2,4-Trichlorobenzene	9.0	U
87-61-6	1,2,3-Trichlorobenzene	9.0	U
87-68-3	Hexachlorobutadiene	1.8	U
67-72-1	Hexachloroethane	3.6	U
91-20-3	Naphthalene	1.8	U
630-20-6	1,1,1,2-Tetrachloroethane	1.8	U
96-18-4	1,2,3-Trichloropropane	1.8	U

8/28/08

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K62

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.07

Sample wt/vol: 3.600 (g/mL) G Lab File ID: B16348

Level: (TRACE or LOW/MED) LOW Date Received: 05/17/2008

% Moisture: not dec. 23 Date Analyzed: 05/24/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	11.16	9.6	JBN
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
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17					
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19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/28/08

Report All Except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K62

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.07

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0842

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 23 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	26	U
108-95-2	Phenol	26	U
111-44-4	Bis(2-chloroethyl)ether	26	U
95-57-8	2-Chlorophenol	26	U
95-48-7	2-Methylphenol	26	U
108-60-1	2,2'-Oxybis(1-chloropropane)	26	U
98-86-2	Acetophenone	26	U
106-44-5	4-Methylphenol	26	U
621-64-7	N-Nitroso-di-n-propylamine	26	U
67-72-1	Hexachloroethane	26	U
98-95-3	Nitrobenzene	26	U
78-59-1	Isophorone	26	U
88-75-5	2-Nitrophenol	26	U
105-67-9	2,4-Dimethylphenol	26	U
111-91-1	Bis(2-chloroethoxy)methane	26	U
120-83-2	2,4-Dichlorophenol	26	U
91-20-3	Naphthalene	26	U
106-47-8	4-Chloroaniline	26	U
87-68-3	Hexachlorobutadiene	26	U
105-60-2	Caprolactam	26	U
59-50-7	4-Chloro-3-methylphenol	26	U
91-57-6	2-Methylnaphthalene	26	U
77-47-4	Hexachlorocyclopentadiene	65	UJ
88-06-2	2,4,6-Trichlorophenol	26	U
95-95-4	2,4,5-Trichlorophenol	26	U
92-52-4	1,1'-Biphenyl	26	U
91-58-7	2-Chloronaphthalene	26	U
88-74-4	2-Nitroaniline	52	U
131-11-3	Dimethylphthalate	26	U
606-20-2	2,6-Dinitrotoluene	26	U
208-96-8	Acenaphthylene	26	U
99-09-2	3-Nitroaniline	52	U
83-32-9	Acenaphthene	26	U
51-28-5	2,4-Dinitrophenol	130	UJ
100-02-7	4-Nitrophenol	52	U
132-64-9	Dibenzofuran	26	U
121-14-2	2,4-Dinitrotoluene	26	U

9/3/08

SOM01.2 (6/2007) 01571

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K62

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.07

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0842

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 23 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	26	U
86-73-7	Fluorene	26	U
7005-72-3	4-Chlorophenyl-phenylether	26	U
100-01-6	4-Nitroaniline	52	U
534-52-1	4,6-Dinitro-2-methylphenol	52	U
86-30-6	N-Nitrosodiphenylamine [1]	26	U
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U
101-55-3	4-Bromophenyl-phenylether	26	U
118-74-1	Hexachlorobenzene	26	U
1912-24-9	Atrazine	26	U
87-86-5	Pentachlorophenol	26	UJ
85-01-8	Phenanthrene	26	U
120-12-7	Anthracene	26	U
86-74-8	Carbazole	26	U
84-74-2	Di-n-butylphthalate	26	U
206-44-0	Fluoranthene	26	U
129-00-0	Pyrene	26	U
85-68-7	Butylbenzylphthalate	26	U
91-94-1	3,3'-Dichlorobenzidine	26	U
56-55-3	Benzo(a)anthracene	26	U
218-01-9	Chrysene	26	U
117-81-7	Bis(2-ethylhexyl)phthalate	170	
117-84-0	Di-n-octylphthalate	26	U
205-99-2	Benzo(b)fluoranthene	26	U
207-08-9	Benzo(k)fluoranthene	26	U
50-32-8	Benzo(a)pyrene	26	U
193-39-5	Indeno(1,2,3-cd)pyrene	26	U
53-70-3	Dibenzo(a,h)anthracene	26	U
191-24-2	Benzo(g,h,i)perylene	26	U
58-90-2	2,3,4,6-Tetrachlorophenol	26	U
92-87-5	Benzidine	26	U
95-50-1	1,2-Dichlorobenzene	26	U
106-46-7	1,4-Dichlorobenzene	26	U
541-73-1	1,3-Dichlorobenzene	26	U
62-75-9	N-Nitrosodimethylamine	26	U
95-63-6	1,2,4-Trimethylbenzene	26	U
108-67-8	1,3,5-Trimethylbenzene	26	U

[1] Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K62

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.07

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0842

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 23 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.27	81	J~~B~~N
02		Unknown-02	2.31	98	J
03		Unknown-03	3.09	220	J
04		Unknown-04	3.64	78	J
05		Unknown-05	4.17	250	J
06		Unknown-06	4.40	110	J
07		Unknown-07	4.67	140	J
08		Unknown-08	4.91	140	J
09		Unknown-09	8.60	110	J
10		Unknown-10	10.08	70	J
11		Unknown-11	10.27	380	J
12		Unknown-12	10.58	100	J
13	000124-26-5	Octadecanamide	18.07	71	NJ
14	007683-64-9	Squalene	18.23	72	NJ
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E9667962	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

01573

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K62

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0912.07

Sample wt/vol: 100.1 (g/mL) G Lab File ID: G0939

Extraction: (Type) SONC

% Moisture: 23 Decanted: (Y/N) N Date Received: 05/17/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/15/2008

GPC Cleanup: (Y/N) Y pH: 5.4 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg)UG/KG	Q
91-20-3	Naphthalene	1.3	U
91-57-6	2-Methylnaphthalene	1.3	U
208-96-8	Acenaphthylene	1.3	U
83-32-9	Acenaphthene	1.3	U
86-73-7	Fluorene	1.3	U
87-86-5	Pentachlorophenol	2.6	U
85-01-8	Phenanthrene	1.3	U
120-12-7	Anthracene	1.3	U
206-44-0	Fluoranthene	1.3	U
129-00-0	Pyrene	1.3	U
56-55-3	Benzo(a)anthracene	1.3	U
218-01-9	Chrysene	1.3	U
205-99-2	Benzo(b)fluoranthene	1.3	U
207-08-9	Benzo(k)fluoranthene	1.3	U
50-32-8	Benzo(a)pyrene	1.3	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	J Q
53-70-3	Dibenzo(a,h)anthracene	0.94	J Q
191-24-2	Benzo(g,h,i)perylene	1.3	

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/2/08

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K82

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref. No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.02

Sample wt/vol: 4.800 (g/mL) G Lab File ID: B16306

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 14 Date Analyzed: 05/22/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.2	U
74-87-3	Chloromethane	1.2	U
75-01-4	Vinyl chloride	1.2	U
74-83-9	Bromomethane	1.2	U
75-00-3	Chloroethane	1.2	U
75-69-4	Trichlorofluoromethane	1.2	U
75-35-4	1,1-Dichloroethene	1.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	U
67-64-1	Acetone	16	
75-15-0	Carbon disulfide	1.2	U
79-20-9	Methyl acetate	1.2	U
75-09-2	Methylene chloride	1.2 ~~0.64~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.2	U
1634-04-4	Methyl tert-butyl ether	1.2	U
75-34-3	1,1-Dichloroethane	1.2	U
156-59-2	cis-1,2-Dichloroethene	1.2	U
78-93-3	2-Butanone	6.1	U
74-97-5	Bromochloromethane	1.2	U
67-66-3	Chloroform	1.2	U
71-55-6	1,1,1-Trichloroethane	1.2	U
110-82-7	Cyclohexane	1.2	U
56-23-5	Carbon tetrachloride	1.2	U
71-43-2	Benzene	1.2	U
107-06-2	1,2-Dichloroethane	1.2	U
123-91-1	1,4-Dioxane	120	U
79-01-6	Trichloroethene	1.2	U
108-87-2	Methylcyclohexane	1.2	U
78-87-5	1,2-Dichloropropane	1.2	U
75-27-4	Bromodichloromethane	1.2	U
10061-01-5	cis-1,3-Dichloropropene	1.2	U
108-10-1	4-Methyl-2-pentanone	6.1	U
108-88-3	Toluene	1.2	U
10061-02-6	trans-1,3-Dichloropropene	1.2	U
79-00-5	1,1,2-Trichloroethane	1.2	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K82

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.02

Sample wt/vol: 4.800 (g/mL) G Lab File ID: B16306

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 14 Date Analyzed: 05/22/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.2	U
591-78-6	2-Hexanone	6.1	UJ
124-48-1	Dibromochloromethane	1.2	U
106-93-4	1,2-Dibromoethane	1.2	U
108-90-7	Chlorobenzene	1.2	U
100-41-4	Ethylbenzene	1.2	U
95-47-6	o-Xylene	1.2	U
179601-23-1	m,p-Xylene	1.2	U
100-42-5	Styrene	1.2	U
75-25-2	Bromoform	1.2	U
98-82-8	Isopropylbenzene	1.2	U
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U
541-73-1	1,3-Dichlorobenzene	1.2	U
106-46-7	1,4-Dichlorobenzene	1.2	U
95-50-1	1,2-Dichlorobenzene	1.2	U
96-12-8	1,2-Dibromo-3-chloropropane	1.2	U
120-82-1	1,2,4-Trichlorobenzene	6.1	U
87-61-6	1,2,3-Trichlorobenzene	6.1	U
87-68-3	Hexachlorobutadiene	1.2	U
67-72-1	Hexachloroethane	2.4	U
91-20-3	Naphthalene	1.2	U
630-20-6	1,1,1,2-Tetrachloroethane	1.2	U
96-18-4	1,2,3-Trichloropropane	1.2	U

8/28/08

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K82

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.02

Sample wt/vol: 4.800 (g/mL) G Lab File ID: B16306

Level: (TRACE or LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 14 Date Analyzed: 05/22/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	4.55	3.6	JN
02	000541-05-9	Cyclotrisiloxane, hexamethyl-	11.11	2.9	NJ
03		Unknown-02	11.17	5.5	JN
04					
05					
06					
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30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/6/08

Report All Except PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K82

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.02

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0821

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 14 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	23	U
108-95-2	Phenol	23	U
111-44-4	Bis(2-chloroethyl)ether	23	U
95-57-8	2-Chlorophenol	23	U
95-48-7	2-Methylphenol	23	U
108-60-1	2,2'-Oxybis(1-chloropropane)	23	U
98-86-2	Acetophenone	23	U
106-44-5	4-Methylphenol	23	U
621-64-7	N-Nitroso-di-n-propylamine	23	U
67-72-1	Hexachloroethane	23	U
98-95-3	Nitrobenzene	23	U
78-59-1	Isophorone	23	U
88-75-5	2-Nitrophenol	23	U
105-67-9	2,4-Dimethylphenol	23	U
111-91-1	Bis(2-chloroethoxy)methane	23	U
120-83-2	2,4-Dichlorophenol	23	U
91-20-3	Naphthalene	23	U
106-47-8	4-Chloroaniline	23	U
87-68-3	Hexachlorobutadiene	23	U
105-60-2	Caprolactam	23	U
59-50-7	4-Chloro-3-methylphenol	23	U
91-57-6	2-Methylnaphthalene	23	U
77-47-4	Hexachlorocyclopentadiene	58	UJ
88-06-2	2,4,6-Trichlorophenol	23	U
95-95-4	2,4,5-Trichlorophenol	23	U
92-52-4	1,1'-Biphenyl	23	U
91-58-7	2-Chloronaphthalene	23	U
88-74-4	2-Nitroaniline	46	U
131-11-3	Dimethylphthalate	23	U
606-20-2	2,6-Dinitrotoluene	23	U
208-96-8	Acenaphthylene	23	U
99-09-2	3-Nitroaniline	46	U
83-32-9	Acenaphthene	23	U
51-28-5	2,4-Dinitrophenol	120	UJ
100-02-7	4-Nitrophenol	46	U
132-64-9	Dibenzofuran	23	U
121-14-2	2,4-Dinitrotoluene	23	U

9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K82

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.02

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0821

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 14 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	23	U
86-73-7	Fluorene	23	U
7005-72-3	4-Chlorophenyl-phenylether	23	U
100-01-6	4-Nitroaniline	46	U
534-52-1	4,6-Dinitro-2-methylphenol	46	U
86-30-6	N-Nitrosodiphenylamine 1	23	U
95-94-3	1,2,4,5-Tetrachlorobenzene	23	U
101-55-3	4-Bromophenyl-phenylether	23	U
118-74-1	Hexachlorobenzene	23	U
1912-24-9	Atrazine	23	U
87-86-5	Pentachlorophenol	23	UJ
85-01-8	Phenanthrene	23	U
120-12-7	Anthracene	23	U
86-74-8	Carbazole	23	U
84-74-2	Di-n-butylphthalate	23	U
206-44-0	Fluoranthene	23	U
129-00-0	Pyrene	23	U
85-68-7	Butylbenzylphthalate	23	U
91-94-1	3,3'-Dichlorobenzidine	23	U
56-55-3	Benzo(a)anthracene	23	U
218-01-9	Chrysene	23	U
117-81-7	Bis(2-ethylhexyl)phthalate	69	
117-84-0	Di-n-octylphthalate	23	U
205-99-2	Benzo(b)fluoranthene	23	U
207-08-9	Benzo(k)fluoranthene	23	U
50-32-8	Benzo(a)pyrene	23	U
193-39-5	Indeno(1,2,3-cd)pyrene	23	U
53-70-3	Dibenzo(a,h)anthracene	23	U
191-24-2	Benzo(g,h,i)perylene	23	U
58-90-2	2,3,4,6-Tetrachlorophenol	23	U
92-87-5	Benzidine	23	U
95-50-1	1,2-Dichlorobenzene	23	U
106-46-7	1,4-Dichlorobenzene	23	U
541-73-1	1,3-Dichlorobenzene	23	U
62-75-9	N-Nitrosodimethylamine	23	U
95-63-6	1,2,4-Trimethylbenzene	23	U
108-67-8	1,3,5-Trimethylbenzene	23	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K82

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.02

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0821

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 14 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/11/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	53	JN
02		Unknown-02	3.09	120	J
03		Unknown-03	4.17	120	J
04		Unknown-04	4.40	58	J
05		Unknown-05	4.67	72	J
06		Unknown-06	4.91	76	J
07	005469-16-9	2(3H)-Furanone, dihydro-4-hyd	8.08	89	NJ
08		Unknown-07	10.05	100	JN
09	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.26	200	NJ
10		Unknown-08	10.42	59	JN
11		Unknown-09	10.57	54	J
12		Unknown-10	12.54	59	J
13	007683-64-9	Squalene	18.24	60	NJ
14					
15					
16					
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19					
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22					
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25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

0/2/10 01683

Repeat All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K82

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.02

Sample wt/vol: 100.5 (g/mL) G Lab File ID: G0915

Extraction: (Type) SONC

% Moisture: 14 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 5.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	5.0	
91-57-6	2-Methylnaphthalene	2.3	
208-96-8	Acenaphthylene	1.9	
83-32-9	Acenaphthene	1.5	
86-73-7	Fluorene	1.3	
87-86-5	Pentachlorophenol	2.3	U
85-01-8	Phenanthrene	4.0	
120-12-7	Anthracene	1.2	
206-44-0	Fluoranthene	2.8	
129-00-0	Pyrene	3.9	
56-55-3	Benzo(a)anthracene	1.1	J Q
218-01-9	Chrysene	1.6	
205-99-2	Benzo(b)fluoranthene	0.85	J Q
207-08-9	Benzo(k)fluoranthene	1.0	J Q
50-32-8	Benzo(a)pyrene	1.9	
193-39-5	Indeno(1,2,3-cd)pyrene	2.5	
53-70-3	Dibenzo(a,h)anthracene	2.2	
191-24-2	Benzo(g,h,i)perylene	2.7	

1 Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K83

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.03

Sample wt/vol: 4.500 (g/mL) G Lab File ID: B16307

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 13 Date Analyzed: 05/22/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.3	U
74-87-3	Chloromethane	1.3	U
75-01-4	Vinyl chloride	1.3	U
74-83-9	Bromomethane	1.3	U
75-00-3	Chloroethane	1.3	U
75-69-4	Trichlorofluoromethane	1.3	U
75-35-4	1,1-Dichloroethene	1.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	U
67-64-1	Acetone	18	
75-15-0	Carbon disulfide	1.3	U
79-20-9	Methyl acetate	1.3	U
75-09-2	Methylene chloride	1.3 ~~0.87~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.3	U
1634-04-4	Methyl tert-butyl ether	1.3	U
75-34-3	1,1-Dichloroethane	1.3	U
156-59-2	cis-1,2-Dichloroethene	1.3	U
78-93-3	2-Butanone	6.4	U
74-97-5	Bromochloromethane	1.3	U
67-66-3	Chloroform	1.3	U
71-55-6	1,1,1-Trichloroethane	1.3	U
110-82-7	Cyclohexane	1.3	U
56-23-5	Carbon tetrachloride	1.3	U
71-43-2	Benzene	1.3	U
107-06-2	1,2-Dichloroethane	1.3	U
123-91-1	1,4-Dioxane	130	U
79-01-6	Trichloroethene	1.3	U
108-87-2	Methylcyclohexane	1.3	U
78-87-5	1,2-Dichloropropane	1.3	U
75-27-4	Bromodichloromethane	1.3	U
10061-01-5	cis-1,3-Dichloropropene	1.3	U
108-10-1	4-Methyl-2-pentanone	6.4	U
108-88-3	Toluene	1.3	U
10061-02-6	trans-1,3-Dichloropropene	1.3	U
79-00-5	1,1,2-Trichloroethane	1.3	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K83

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.03

Sample wt/vol: 4.500 (g/mL) G Lab File ID: B16307

Level: (TRACE/LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 13 Date Analyzed: 05/22/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.3	U
591-78-6	2-Hexanone	6.4	UJ
124-48-1	Dibromochloromethane	1.3	U
106-93-4	1,2-Dibromoethane	1.3	U
108-90-7	Chlorobenzene	1.3	U
100-41-4	Ethylbenzene	1.3	U
95-47-6	o-Xylene	1.3	U
179601-23-1	m,p-Xylene	1.3	U
100-42-5	Styrene	1.3	U
75-25-2	Bromoform	1.3	U
98-82-8	Isopropylbenzene	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U
541-73-1	1,3-Dichlorobenzene	1.3	U
106-46-7	1,4-Dichlorobenzene	1.3	U
95-50-1	1,2-Dichlorobenzene	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	U
120-82-1	1,2,4-Trichlorobenzene	6.4	U
87-61-6	1,2,3-Trichlorobenzene	6.4	U
87-68-3	Hexachlorobutadiene	1.3	U
67-72-1	Hexachloroethane	2.6	U
91-20-3	Naphthalene	1.3	U
630-20-6	1,1,1,2-Tetrachloroethane	1.3	U
96-18-4	1,2,3-Trichloropropane	1.3	U

8/28/08

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K83

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.03

Sample wt/vol: 4.500 (g/mL) G Lab File ID: B16307

Level: (TRACE or LOW/MED) LOW Date Received: 05/15/2008

% Moisture: not dec. 13 Date Analyzed: 05/22/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	11.17	7.7	JBN
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A	6.7	JN

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

Report All but PAHs

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

J8K83

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.03

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0835

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 13 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	23	U
108-95-2	Phenol	23	U
111-44-4	Bis(2-chloroethyl)ether	23	U
95-57-8	2-Chlorophenol	23	U
95-48-7	2-Methylphenol	23	U
108-60-1	2,2'-Oxybis(1-chloropropane)	23	U
98-86-2	Acetophenone	23	U
106-44-5	4-Methylphenol	23	U
621-64-7	N-Nitroso-di-n-propylamine	23	U
67-72-1	Hexachloroethane	23	U
98-95-3	Nitrobenzene	23	U
78-59-1	Isophorone	23	U
88-75-5	2-Nitrophenol	23	U
105-67-9	2,4-Dimethylphenol	23	U
111-91-1	Bis(2-chloroethoxy)methane	23	U
120-83-2	2,4-Dichlorophenol	23	U
91-20-3	Naphthalene	23	U
106-47-8	4-Chloroaniline	23	U
87-68-3	Hexachlorobutadiene	23	U
105-60-2	Caprolactam	23	U
59-50-7	4-Chloro-3-methylphenol	23	U
91-57-6	2-Methylnaphthalene	23	U
77-47-4	Hexachlorocyclopentadiene	57	UJ
88-06-2	2,4,6-Trichlorophenol	23	U
95-95-4	2,4,5-Trichlorophenol	23	U
92-52-4	1,1'-Biphenyl	23	U
91-58-7	2-Chloronaphthalene	23	U
88-74-4	2-Nitroaniline	46	U
131-11-3	Dimethylphthalate	23	U
606-20-2	2,6-Dinitrotoluene	23	U
208-96-8	Acenaphthylene	23	U
99-09-2	3-Nitroaniline	46	U
83-32-9	Acenaphthene	23	U
51-28-5	2,4-Dinitrophenol	110	UJ
100-02-7	4-Nitrophenol	46	U
132-64-9	Dibenzofuran	23	U
121-14-2	2,4-Dinitrotoluene	23	U

9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K83

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.03

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0835

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 13 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	23	U
86-73-7	Fluorene	23	U
7005-72-3	4-Chlorophenyl-phenylether	23	U
100-01-6	4-Nitroaniline	46	U
534-52-1	4,6-Dinitro-2-methylphenol	46	U
86-30-6	N-Nitrosodiphenylamine 1	23	U
95-94-3	1,2,4,5-Tetrachlorobenzene	23	U
101-55-3	4-Bromophenyl-phenylether	23	U
118-74-1	Hexachlorobenzene	23	U
1912-24-9	Atrazine	23	U
87-86-5	Pentachlorophenol	23	UJ
85-01-8	Phenanthrene	23	U
120-12-7	Anthracene	23	U
86-74-8	Carbazole	23	U
84-74-2	Di-n-butylphthalate	23	U
206-44-0	Fluoranthene	23	U
129-00-0	Pyrene	23	U
85-68-7	Butylbenzylphthalate	23	U
91-94-1	3,3'-Dichlorobenzidine	23	U
56-55-3	Benzo(a)anthracene	23	U
218-01-9	Chrysene	23	U
117-81-7	Bis(2-ethylhexyl)phthalate	160	
117-84-0	Di-n-octylphthalate	23	U
205-99-2	Benzo(b)fluoranthene	23	U
207-08-9	Benzo(k)fluoranthene	23	U
50-32-8	Benzo(a)pyrene	23	U
193-39-5	Indeno(1,2,3-cd)pyrene	23	U
53-70-3	Dibenzo(a,h)anthracene	23	U
191-24-2	Benzo(g,h,i)perylene	23	U
58-90-2	2,3,4,6-Tetrachlorophenol	23	U
92-87-5	Benzidine	23	U
95-50-1	1,2-Dichlorobenzene	23	U
106-46-7	1,4-Dichlorobenzene	23	U
541-73-1	1,3-Dichlorobenzene	23	U
62-75-9	N-Nitrosodimethylamine	23	U
95-63-6	1,2,4-Trimethylbenzene	23	U
108-67-8	1,3,5-Trimethylbenzene	23	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K83

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.03

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0835

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 13 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	64	JN
02		Unknown-02	2.46	53	J
03		Unknown-03	2.58	51	J
04		Unknown-04	2.69	40	J
05		Unknown-05	2.76	44	J
06		Unknown-06	3.09	220	J
07		Unknown-07	3.64	56	J
08		Unknown-08	4.17	110	J
09		Unknown-09	4.21	78	J
10		Unknown-10	4.40	130	J
11		Unknown-11	4.61	34	J
12		Unknown-12	4.67	100	J
13		Unknown-13	4.91	110	J
14		Unknown-14	8.12	110	J
15		Unknown-15	8.60	130	J
16		Unknown-16	10.09	54	J
17		Unknown-17	10.16	64	J
18		Unknown-18	10.28	460	J
19		Unknown-19	10.51	35	J
20		Unknown-20	10.58	120	J
21		Unknown-21	11.18	25	J
22	000096-76-4	Phenol, 2,4-bis(1,1-dimethyle	12.55	25	NJ
23		Unknown-22	12.88	31	JN
24	000112-84-5	13-Docosenamide, (Z)-	18.07	25	NJ
25		Unknown-23	18.23	35	JN
26					
27					
28					
29					
30					
	E9667962	Total Alkanes	N/A		

2 EPA-designated Registry Number.

SOM01.2 (6/2007)

91632

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K83

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0903.03

Sample wt/vol: 100.2 (g/mL) G Lab File ID: G0931

Extraction: (Type) SONC

% Moisture: 13 Decanted: (Y/N) N Date Received: 05/15/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/15/2008

GPC Cleanup: (Y/N) Y pH: 5.1 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	1.1	U
91-57-6	2-Methylnaphthalene	1.1	U
208-96-8	Acenaphthylene	1.1	U
83-32-9	Acenaphthene	1.1	U
86-73-7	Fluorene	1.1	U
87-86-5	Pentachlorophenol	0.81	J Q
85-01-8	Phenanthrene	1.1	U
120-12-7	Anthracene	1.1	U
206-44-0	Fluoranthene	1.1	U
129-00-0	Pyrene	1.1	U
56-55-3	Benzo(a)anthracene	1.1	U
218-01-9	Chrysene	1.1	U
205-99-2	Benzo(b)fluoranthene	1.1	U
207-08-9	Benzo(k)fluoranthene	1.1	U
50-32-8	Benzo(a)pyrene	1.1	U
193-39-5	Indeno(1,2,3-cd)pyrene	1.0	J Q
53-70-3	Dibenzo(a,h)anthracene	0.96	J Q
191-24-2	Benzo(g,h,i)perylene	1.4	

[1] Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K84

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.08

Sample wt/vol: 4.800 (g/mL) G Lab File ID: B16337

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 20 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	1.3	U
74-87-3	Chloromethane	1.3	U
75-01-4	Vinyl chloride	1.3	U
74-83-9	Bromomethane	1.3	U
75-00-3	Chloroethane	1.3	U
75-69-4	Trichlorofluoromethane	1.3	U
75-35-4	1,1-Dichloroethene	1.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	U
67-64-1	Acetone	20	
75-15-0	Carbon disulfide	1.3	U
79-20-9	Methyl acetate	1.3	U
75-09-2	Methylene chloride	1.3 ~~1.2~~	~~JB~~ U
156-60-5	trans-1,2-Dichloroethene	1.3	U
1634-04-4	Methyl tert-butyl ether	1.3	U
75-34-3	1,1-Dichloroethane	1.3	U
156-59-2	cis-1,2-Dichloroethene	1.3	U
78-93-3	2-Butanone	6.5	U
74-97-5	Bromochloromethane	1.3	U
67-66-3	Chloroform	1.3	U
71-55-6	1,1,1-Trichloroethane	1.3	U
110-82-7	Cyclohexane	1.3	U
56-23-5	Carbon tetrachloride	1.3	U
71-43-2	Benzene	1.3	U
107-06-2	1,2-Dichloroethane	1.3	U
123-91-1	1,4-Dioxane	130	U
79-01-6	Trichloroethene	1.3	U
108-87-2	Methylcyclohexane	1.3	U
78-87-5	1,2-Dichloropropane	1.3	U
75-27-4	Bromodichloromethane	1.3	U
10061-01-5	cis-1,3-Dichloropropene	1.3	U
108-10-1	4-Methyl-2-pentanone	6.5	U
108-88-3	Toluene	0.78	J Q
10061-02-6	trans-1,3-Dichloropropene	1.3	U
79-00-5	1,1,2-Trichloroethane	1.3	U

8/28/08

SOM01.2 (6/2007)

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K84

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.08

Sample wt/vol: 4.800 (g/mL) G Lab File ID: B16337

Level: (TRACE/LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 20 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

Purge Volume: 10.0 (mL)

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
127-18-4	Tetrachloroethene	1.3	U
591-78-6	2-Hexanone	6.5	UJ
124-48-1	Dibromochloromethane	1.3	U
106-93-4	1,2-Dibromoethane	1.3	U
108-90-7	Chlorobenzene	1.3	U
100-41-4	Ethylbenzene	1.3	U
95-47-6	o-Xylene	1.3	U
179601-23-1	m,p-Xylene	1.3	U
100-42-5	Styrene	1.3	U
75-25-2	Bromoform	1.3	U
98-82-8	Isopropylbenzene	1.3	U
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U
541-73-1	1,3-Dichlorobenzene	1.3	U
106-46-7	1,4-Dichlorobenzene	1.3	U
95-50-1	1,2-Dichlorobenzene	1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	U
120-82-1	1,2,4-Trichlorobenzene	6.5	U
87-61-6	1,2,3-Trichlorobenzene	6.5	U
87-68-3	Hexachlorobutadiene	1.3	U
67-72-1	Hexachloroethane	2.6	U
91-20-3	Naphthalene	1.5	~~J~~ U
630-20-6	1,1,1,2-Tetrachloroethane	1.3	U
96-18-4	1,2,3-Trichloropropane	1.3	U

8/25/08

1J. - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K84

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.08

Sample wt/vol: 4.800 (g/mL) G Lab File ID: B16337

Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2008

% Moisture: not dec. 20 Date Analyzed: 05/23/2008

GC Column: RTX-VMS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	1.69	2100	JN
02		Unknown-02	11.16	9.8	JN
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

SOM01.2 (6/2007)

8/28/08

Report All but PAHs

1D - FORM I SV-1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K84

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.08

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0831

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 20 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 6.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	25	U
108-95-2	Phenol	25	U
111-44-4	Bis(2-chloroethyl)ether	25	U
95-57-8	2-Chlorophenol	25	U
95-48-7	2-Methylphenol	25	U
108-60-1	2,2'-Oxybis(1-chloropropane)	25	U
98-86-2	Acetophenone	25	U
106-44-5	4-Methylphenol	25	U
621-64-7	N-Nitroso-di-n-propylamine	25	U
67-72-1	Hexachloroethane	25	U
98-95-3	Nitrobenzene	25	U
78-59-1	Isophorone	25	U
88-75-5	2-Nitrophenol	25	U
105-67-9	2,4-Dimethylphenol	25	U
111-91-1	Bis(2-chloroethoxy)methane	25	U
120-83-2	2,4-Dichlorophenol	25	U
91-20-3	Naphthalene	25	U
106-47-8	4-Chloroaniline	25	U
87-68-3	Hexachlorobutadiene	25	U
105-60-2	Caprolactam	25	U
59-50-7	4-Chloro-3-methylphenol	25	U
91-57-6	2-Methylnaphthalene	25	U
77-47-4	Hexachlorocyclopentadiene	62	UJ
88-06-2	2,4,6-Trichlorophenol	25	U
95-95-4	2,4,5-Trichlorophenol	25	U
92-52-4	1,1'-Biphenyl	25	U
91-58-7	2-Chloronaphthalene	25	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	25	U
606-20-2	2,6-Dinitrotoluene	25	U
208-96-8	Acenaphthylene	25	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	25	U
51-28-5	2,4-Dinitrophenol	120	UJ
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	25	U
121-14-2	2,4-Dinitrotoluene	25	U

9/3/08

1E - FORM I SV-2
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K84

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.08

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0831

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 20 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 6.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
84-66-2	Diethylphthalate	25	U
86-73-7	Fluorene	25	U
7005-72-3	4-Chlorophenyl-phenylether	25	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine 1	25	U
95-94-3	1,2,4,5-Tetrachlorobenzene	25	U
101-55-3	4-Bromophenyl-phenylether	25	U
118-74-1	Hexachlorobenzene	25	U
1912-24-9	Atrazine	25	U
87-86-5	Pentachlorophenol	25	UJ
85-01-8	Phenanthrene	25	U
120-12-7	Anthracene	25	U
86-74-8	Carbazole	25	U
84-74-2	Di-n-butylphthalate	16	J
206-44-0	Fluoranthene	25	U
129-00-0	Pyrene	25	U
85-68-7	Butylbenzylphthalate	29	
91-94-1	3,3'-Dichlorobenzidine	25	U
56-55-3	Benzo(a)anthracene	25	U
218-01-9	Chrysene	25	U
117-81-7	Bis(2-ethylhexyl)phthalate	250	
117-84-0	Di-n-octylphthalate	25	U
205-99-2	Benzo(b)fluoranthene	25	U
207-08-9	Benzo(k)fluoranthene	25	U
50-32-8	Benzo(a)pyrene	25	U
193-39-5	Indeno(1,2,3-cd)pyrene	25	U
53-70-3	Dibenzo(a,h)anthracene	25	U
191-24-2	Benzo(g,h,i)perylene	25	U
58-90-2	2,3,4,6-Tetrachlorophenol	25	U
92-87-5	Benzidine	25	U
95-50-1	1,2-Dichlorobenzene	25	U
106-46-7	1,4-Dichlorobenzene	25	U
541-73-1	1,3-Dichlorobenzene	25	U
62-75-9	N-Nitrosodimethylamine	25	U
95-63-6	1,2,4-Trimethylbenzene	25	U
108-67-8	1,3,5-Trimethylbenzene	25	U

1 Cannot be separated from Diphenylamine

9/3/08

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
J8K84

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.08

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0831

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 20 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) Date Analyzed: 06/12/2008

GPC Cleanup: (Y/N) Y pH: 6.3 Dilution Factor: 1.0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown-01	2.28	68	JN
02		Unknown-02	2.58	63	J
03		Unknown-03	3.09	170	J
04		Unknown-04	3.64	54	J
05		Unknown-05	4.17	170	J
06		Unknown-06	4.40	83	J
07		Unknown-07	4.67	91	J
08		Unknown-08	4.91	110	J
09		Unknown-09	8.09	90	J
10	000098-55-5	3-Cyclohexene-1-methanol, .al	8.60	110	NJ
11	000080-53-5	Cyclohexanemethanol, 4-hydrox	10.26	360	NJ
12		Unknown-10	10.58	110	JN
13		Unknown-11	11.18	65	JN
14	007683-64-9	Squalene	18.23	83	NJ
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
	E966796[2]	Total Alkanes	N/A		

[2] EPA-designated Registry Number.

SOM01.2 (6/2007)

9/3/08

01676

Report All PAHs

1F - FORM I SV-SIM
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
J8K84

Lab Name: KAP TECHNOLOGIES, INC. Contract: EPW05032

Lab Code: KAP Case No.: 37435 Mod. Ref No.: 1568.0 SDG No.: J8K48

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: S-0908.08

Sample wt/vol: 100.3 (g/mL) G Lab File ID: G0925

Extraction: (Type) SONC

% Moisture: 20 Decanted: (Y/N) N Date Received: 05/16/2008

Concentrated Extract Volume: 500 (uL) Date Extracted: 05/24/2008

Injection Volume: 1.0 (uL) GPC Factor: 2.0 Date Analyzed: 06/14/2008

GPC Cleanup: (Y/N) Y pH: 6.3 Dilution Factor: 1.0

CAS No.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
91-20-3	Naphthalene	1.2	UJ
91-57-6	2-Methylnaphthalene	1.2	UJ
208-96-8	Acenaphthylene	1.2	U
83-32-9	Acenaphthene	1.2	U
86-73-7	Fluorene	1.2	U
87-86-5	Pentachlorophenol	2.5	UJ ← UJ R 9/17/08
85-01-8	Phenanthrene	~~0.71~~ 1.2	~~J~~ U
120-12-7	Anthracene	1.2	UJ
206-44-0	Fluoranthene	1.2	UJ
129-00-0	Pyrene	1.2	U
56-55-3	Benzo(a)anthracene	1.2	U R 9/17/08
218-01-9	Chrysene	0.67	JQ
205-99-2	Benzo(b)fluoranthene	1.2	UJ
207-08-9	Benzo(k)fluoranthene	1.2	UJ
50-32-8	Benzo(a)pyrene	1.2	UJ R 9/17/08
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	JQ
53-70-3	Dibenzo(a,h)anthracene	0.93	JQ
191-24-2	Benzo(g,h,i)perylene	1.2	JQ

[1] Cannot be separated from Diphenylamine

SOM01.2 (6/2007)

9/3/08

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