Site Team Evaluation Prioritization

Allied Chemical Corp.
ILD 001833714
LPC 0316550004
Chicago, Cook County, IL
SF/HRS

April 3, 1997

EPA Region 5 Records Ctr.
288532

CERCLA

Analytical Results

Illinois Environmental Protection Agency

2200 Churchill Road
P. O. Box 19276
Springfield, IL 62794-9276

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Date: 2/26/97

Subject: Review/Validation of CLP Data

From: Jim Shaw
Contract Laboratories Administrator
Division of Laboratories

To: Data User Ted Prescott

The Quality Assurance Section has reviewed the following data package(s):

SITE NAME: Allied Chemical CASE/SDG No: 690381/152

Date(s) Received for Review: 07-10-96 No. Of Samples: 18

Laboratory: IEPA Hours for Review: 40 + 31 = 71

Reviewer(s): Chris Bridges
Mary Beth Lawhorn

The following narrative represents our findings:

The data is valid as qualified on the Enclosed forms!

- ☐ Data are acceptable for use.
- ☒ Data are acceptable for use with qualifications noted above.
- ☐ Data are preliminary - pending verification by laboratory.
- ☐ Data are acceptable.

cc: Tom Crause

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State of Illinois
ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director

2200 Churchill Road, Springfield, IL 62794-9276

Memorandum

Date: February 26, 1997

To: Ted Prescott

From: Chris Bridges and Chris Bridges
Mary Beth Lawhorn Mary Beth Lawhorn

Re: Data validation on Allied Chemical, SDG 152

Data validation has been completed for the above referenced site. Below is a list of the compounds or analytes which were qualified in each sample, the reasons they were qualified, and the resulting bias for the compound or analyte. Also attached are the organic and inorganic sample results (Forms 1) and the organic and inorganic data validation checklist. If you have any questions please free to call me at 4-3873.

Organic Qualifiers and Resulting Bias

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
G101	Acetone	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
	Hexachlorobutadiene Hexachlorocyclopentadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene Pentachlorophenol 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected

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Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
G102	Acetone Hexachlorobutadiene Hexachlorocyclopentadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene Pentachlorophenol 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
	Phenanthrene Fluoranthene Pyrene Benzo(a)anthracene Chrysene	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) High surrogate recovery.	Unknown
	Deildrin	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
G102RE	Hexachlorobutadiene Hexachlorocyclopentadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene Pentachlorophenol 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	Phenanthrene Fluoranthene Pyrene Benzo(a)anthracene Chrysene	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) High surrogate recovery.	Unknown
G103	Acetone	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	Carbon Disulfide	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
G103 -Cont-	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
G104	Acetone Hexachlorobutadiene Hexachlorocyclopentadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene Pentachlorophenol 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
	Fluoranthene Di-n-butylphthalate Endrin Endrin Ketone Endrin Aldehyde gamma-Chlordane Aroclor 1254 Aroclor 1260	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
G104RE	Hexachlorobutadiene Hexachlorocyclopentadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene Pentachlorophenol 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
	Fluoranthene Di-n-butylphthalate	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) High surrogate recovery	Unknown
VBLKTB	Acetone	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X101	Acetone Chloroethane 4-Chloroaniline Hexachlorobutadiene 3-Nitroaniline 4-Nitroaniline 4-Bromophenyl-phenylether Hexachlorobenzene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	2-Butanone 1,1,1-Trichloroethane Phenanthrene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b)Fluoranthene Benzo(a)Pyrene Indo(1,2,3-cd)Pyrene beta-BHC Heptachlor Dieldrin Endrin Endosulfan II Methoxychlor Endrin Ketone Endrin Aldehyde Aroclor 1254 Aroclor 1260	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X102	Acetone Chloroethane 4-Chlroaniline Hexachlorobutadiene 4-Bromophenyl-phenylether Hexachlorobenzene 3,3-Dichlorobenzene Indo(1,2,3-cd)pyrene Benzo (g,h,i) perylene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitrophenol 4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X102 -Cont-	Anthracene Di-n-Butylphthalate beta-BHC	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X102DL	beta-BHC Aldrin 4,4-DDD gamma-Chlordane	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X103	Acetone Chloroethane Hexachlorobutadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	Methylene Chloride Phenanthrene Fluoranthene Pyrene Chrysene Benzo(a)pyrene alpha-BHC beta-BHC Aldrin Dieldrin Endrin EndosulfanII 4,4-DDT Methoxychlor Endrin Ketone Endrin Aldehyde alpha Chlordane gamma Chlordane Toxaphene Aroclor 1254 Aroclor 1260	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X104	Acetone Chloroethane	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	Methylene Chloride alpha-BHC beta-BHC Aldrin 4,4-DDE Endrin Endosulfan II 4,4-DDD Endosulfan sulfate Methoxychlor Endrin Ketone Endrin Aldehyde Aroclor 1254 Aroclo1260	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X105	Acetone Chloroethane	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	1,1,1-Trichloroethane	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
	Chloromethane Bromomethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene Chloroform 1,2-Dichloroethane 2-Butanone	J	Low internal standard recovery	Unknown
	Hexachlorobutadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X105 -Cont-	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
	Dibenzofuran	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X105RE	Acetone Chloroethane	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	Chloromethane Bromomethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene Chloroform 1,2-Dichloroethane 2-Butanone	J	Low internal standard recovery	Unknown
X105DL	4-Chlroaniline Hexachlorobutadiene 4-Bromophenyl-phenylether Hexachlorobenzene 3,3-Dichlorobenzene Indo(1,2,3-cd)pyrene Benzo (g,h,i) perylene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitrophenol 4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
	Acenapthene Fluorene Anthracene Carbazole Di-n-butylphthalate Dibenz(a,h)anthracene	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X107	Acetone Chloroethane	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	Hexachlorobutadiene Hexachlorocyclopentadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene Pentachlorophenol 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	1,1,1-Trichloroethane	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) Low internal standard recovery	Unknown
	Chloromethane Bromomethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene Chloroform 1,2-Dichloroethane 2-Butanone Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane trans-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene cis-1,3-Dichloropropene Bromoform	J	Low internal standard recovery	Unknown
	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X107 -Cont-	Fluoranthene Pyrene Benzo(a)anthracene Chrysene	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) High surrogate recovery.	Unknown
	gamma-Chlordane	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X107RE	Acetone Chloroethane	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	1,1,1-Trichloroethane	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) Low internal standard recovery	Unknown
	Chloromethane Bromomethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene Chloroform 1,2-Dichloroethane 2-Butanone Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane trans-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene cis-1,3-Dichloropropene Bromoform	J	Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X107RE -Cont-	4-Chloroaniline Hexachlorobutadiene 3-Nitroaniline 4-Nitroaniline 4-Bromophenyl-phenylether Hexachlorobenzene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	Phenanthrene Fluoranthene Pyrene Benzo(a)anthracene Chrysene	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) High surrogate recovery.	Unknown
X107DL	Dieldrin 4,4-DDD Endosulfan sulfate 4,4-DDT Endrin Ketone gamma-Chlordane	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X108	Acetone Chloroethane	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X108 -Cont-	Chloromethane Bromomethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) Chloroform 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 4-Methyl-2-pentanone 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown
	4-Chloroaniline Hexachlorobutadiene 3-Nitroaniline 4-Nitroaniline 4-Bromophenyl-phenylether Hexachlorobenzene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	Pyrene Benzo(a)anthracene Benzo(b)fluoranthene Benzo(a)pyrene	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) High surrogate recovery.	Unknown
	Phenanthrene Fluoranthene	J	High surrogate recovery	High

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X108 -Cont-	alpha-BHC beta-BHC gamma-BHC	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X108RE	Acetone Chloroethane	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	Chloromethane Bromomethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) Chloroform 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 4-Methyl-2-pentanone 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown
	4-Chloroaniline Hexachlorobutadiene 3-Nitroaniline 4-Nitroaniline 4-Bromophenyl-phenylether Hexachlorobenzene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias

X108RE -Cont-	Pyrene Benzo(a)anthracene Chrysene Benzo(b)fluoranthene Benzo(a)pyrene	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) High surrogate recovery	Unknown
	Phenanthrene Fluoranthene	J	(1) High surrogate recovery	High
X109	Bromomethane Chloroethane Bromoform	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	1,1,1-Trichloroethane	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) Low internal standard recovery	Unknown
	Chloromethane Bromomethane Vinyl Chloride Methylene Chloride Acetone Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene Chloroform 1,2-Dichloroethane 2-Butanone Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane trans-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene cis-1,3-Dichloropropene Bromoform	J	Low internal standard recovery	Unknown
	Hexachlorobutadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias

X109 -Cont-	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
	Naphthalene Acenaphthalene Fluorene Anthracene Carbazole gamma-BHC Heptachlor	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X109RE	Chloroethane Acetone	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery.	Unknown
	4-Methyl-2-Pentanone	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	1,1,1-Trichloroethane	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) Low internal standard recovery	Unknown
X110	Bromomethane Chloroethane Bromoform	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X110 -Cont-	Chloromethane Vinyl Chloride Methylene Chloride Acetone Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 4-Methyl-2-pentanone 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown
	4-Chloroaniline Hexachlorobutadiene 3-Nitroaniline 4-Nitroaniline 4-Bromophenyl-phenylether Hexachlorobenzene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	Naphthalene Acenaphthalene 2-Methylnaphthalene Dibenzofuran Anthracene Carbazole bis(2-ethyhexyl)Phthalate Indo (1,2,3-cd) Pyrene	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) High surrogate recovery	Unknown
Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias

X110 -Cont-	Phenanthrene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)Pyrene	J	High surrogate recovery	High
X110RE	Chloroethane Acetone 4-Methyl-2-Pentanone	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	Chloromethane Bromomethane Vinyl Chloride Chloroethane Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X110RE -Cont-	4-Chlroaniline Hexachlorobutadiene 4-Bromophenyl-phenylether Hexachlorobenzene 3,3-Dichlorobenzene Indo(1,2,3-cd)pyrene Benzo (g,h,i) perylene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitrophenol 4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
	Naphthalene Acenaphthalene Anthracene Carbazole bis(2-Ethylhexyl)phthalate Benzo(g,h,i)perylene	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) High surrogate recovery	Unknown
	Phenanthrene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)Perylene	J	High surrogate recovery	High
X110DL	alpha-BHC delta-BHC Dieldrin 4,4-DDD Endrin Ketone Toxaphene	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X111	Bromomethane Chloroethane Bromoform	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X111 -Cont-	Chloromethane Vinyl Chloride Methylene Chloride Acetone Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) Chloroform 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Bromodiehloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene 4-Methyl-2-Pentanone 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown
	4-Chloroaniline Hexachlorobutadiene 3-Nitroaniline 4-Nitroaniline 4-Bromophenyl-phenylether Hexachlorobenzene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	Dimethylphthalate Anthracene Benzo(k)fluoranthene Indo(1,2,3-cd)Pyrene Denz(a,h) Anthracene Benzo(g,h,i)perylene Dieldrin 4-4-DDD	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias

X111RE	Chloroethane Acetone 4-Methyl-2-Pentanone	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	Chloromethane Bromomethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) Chloroform 1,2-Dichloroethane 2-Butanone 1,1,1-Triehloroethane Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown
X112	Bromomethane Chloroethane Bromoform	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low surrogate recovery (3) Low internal standard recovery	Unknown
	4-Chloroaniline Hexachlorobutadiene 3-Nitroaniline 4-Nitroaniline 4-Bromophenyl-phenylether Hexachlorobenzene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias

X112 -Cont-	Chloromethane Vinyl Chloride Methylene Chloride Acetone Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) Chloroform 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene	J	(1) Low surrogate recovery (2) Low internal standard recovery.	Unknown
	4-Methyl-2-pentanone 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Surrogate Recovery Low	Low
	Naphthalene 2-methylnaphthalene Dibenzofuran Dibenz(a,h)anthracene Aldrin Endrin Aldehyde	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X112RE	Chloroethane Acetone 4-Methyl-2-Pentanone	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X112RE -Cont-	Chloromethane Bromomethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown
X112DL	Hexachlorobutadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X112DL -Cont	Naphthalene Acenaphthalene Dibenzofuran Fluorene Anthracene Carbazole Di-n-butylphthalate Benzo(g,h,i)perylene	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X113	Bromomethane Chloroethane Bromoform	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	1,1,1-Trichloroethane	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) Low internal standard recovery	Unknown
X113 -Cont-	Chloromethane Vinyl Chloride Methylene Chloride Acetone Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) 1,2-Dichloroethane 2-Butanone Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 4-Methyl-2-pentanone 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X113 -Cont-	Hexachlorobutadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
	Isophrone Acenaphthene alpha-BHC	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
	Naphthalene Dimethylphthalate Acenaphthylene Dibenzofuran Fluorene Carbazole Diben(a,h)anthracene	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) High surrogate recovery.	Unknown
	Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene bis(2-ethyhexyl)phthalate Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Benzo(g,h,i)perylene	J	High surrogate recovery	High
X113RE	Chloroethane Acetone 4-Methyl-2-Pentanone	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X113RE -Cont-	Bromomethane Bromoform Chloromethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown
X113DL	4-Chlroaniline Hexachlorobutadiene 4-Bromophenyl-phenylether Hexachlorobenzene 3,3-Dichlorobenzene Indo(1,2,3-cd)pyrene Benzo (g,h,i) perylene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitrophenol 4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X113DL -Cont-	Fluorene Anthracene Carbazole Di-n-butylphthalate bis(2-ethylhexyl)phthalate Dieldrin 4,4-DDD 4,4-DDT gamma-Chlordane	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X114	Bromomethane Chloroethane Bromoform	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	1,1,1-Trichloroethane	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) Low internal standard recovery	Unknown
X114 -Cont-	Hexachlorobutadiene 4-Nitrophenol 4-Bromophenyl-phenylether Hexachlorobenzene 3,3'-Dichlorobenzidine	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
	Anthracene Carbazole alpha-BHC	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X114 -Cont-	Chloromethane Vinyl Chloride Methylene Chloride Acetone Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) 1,2-Dichloroethane 2-Butanone Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 4-Methyl-2-pentanone 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown
X114RE	Chloroethane Acetone 4-Methyl-2-Pentanone	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	1,1,1-Trichloroethane	J	(1) The result is greater than zero but less than the CRQL and the compound meets the identification criteria. (2) Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X114RE -Cont-	Bromomethane Bromoform Chloromethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) 1,2-Dichloroethane 2-Butanone Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown
X114DL	Dieldrin 4,4-DDD gamma-Chlordane	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X115	Bromomethane Chloroethane Bromoform	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X115 -Cont-	Chloromethane Vinyl Chloride Methylene Chloride Acetone Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 4-Methyl-2-pentanone 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown
	4-Chlroaniline Hexachlorobutadiene 4-Bromophenyl-phenylether Hexachlorobenzene 3,3-Dichlorobenzene Indo(1,2,3-cd)pyrene Benzo (g,h,i) perylene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitrophenol 4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X115 -Cont-	2-methylnaphthalene Dibenzofuran Di-n-butylphthalate alpha-BHC gamma-BHC	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown
X115RE	Chloroethane Acetone 4-Methyl-2-Pentanone	J	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) Low internal standard recovery	Unknown
	Bromomethane Bromoform Chloromethane Vinyl Chloride Methylene Chloride Carbon Disulfide 1,1-Dichloroethene 1,1-Dichloroethane 1,2-Dichloroethene (total) 1,2-Dichloroethane 2-Butanone 1,1,1-Trichloroethane Carbon Tetrachloride Bromodichloromethane 1,2-Dichloropropane cis-1,3-Dichloropropene Trichloroethene Dibromochloromethane 1,1,2-Trichloroethane Benzene trans-1,3-Dichloropropene Bromoform 2-Hexanone Tetrachloroethene Toluene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethyl Benzene Styrene Xylenes (total)	J	Low internal standard recovery	Unknown

Sample Number	Compound	Qualifier	Reasons Qualified	Overall Bias
X115DL	4-Chlroaniline Hexachlorobutadiene 4-Bromophenyl-phenylether Hexachlorobenzene 3,3-Dichlorobenzene Indo(1,2,3-cd)pyrene Benzo (g,h,i) perylene	J	%D between the RRF50 and the mean RRF from the initial calibration is out of limits.	Unknown
	4-Nitrophenol 4-Nitroaniline	R	(1) %D between the RRF50 and the mean RRF from the initial calibration is out of limits. (2) The calculated RRF50 is out of limits.	No Bias - Result Rejected
	Naphthalene Acenaphthalene Fluorene Anthracene Carbazole Indo(1,2,3-cd)pyrene Heptachlor Endosulfan II 4,4-DDD	J	The result is greater than zero but less than the CRQL and the compound meets the identification criteria.	Unknown

Inorganic Qualifiers and Resulting Bias

When reviewing ICP interference check sample data, it was noted that antimony is not a component of Interference Check Solution A (ICSA) or Interference Check Solution AB (ICSAB). However, a negative antimony reading was recorded for the all ICSA readings and the three of four ICSAB readings. The absolute value of two of the antimony readings was 36 and 66 which is greater than the instrument detection limit of 33 for water and 30 for soils. The raw data was examined in an attempt to determine whether or not antimony interferant were present in the associated samples at a level that could lead to erroneous antimony results. After the examination of the raw data, no substantive evidence could be found that might indicate antimony results were biased low similar to the ICSA and ICSAB results. Therefore, no flags related to ICP interferants were added to the antimony sample results.

There is no cyanide matrix spike data available for the following samples: X101, X102, X103, X104, X105, X107, X108, X109, X110, X111, X112, X113, X114 and X115. All of these cyanide samples have results less than the instrument detection limit with all other cyanide quality control measurements being acceptable. Therefore, no flags related to the matrix spike data were added to the results of the previously listed cyanide samples.

The original page 00332 was voided and replaced because the listed standards (WSTD1-WSTD10) did not match the order of standard analysis listed on the raw data (pages 00333 and

00337). On the new/replacement page 00332, 1) the page is hand numbered and initialed, 2) the explanation of the change is initialed, and 3) the preparation data of the "SPIKE" was added. The original/voided page 00332 is located at the end of the data package.

Sample Number	Analyte	Qualifier	Reasons Qualified	Overall Bias
G101	Lead	J	The analytical spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
	Thallium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
	Cyanide -	J	Sample analyzed after expiration of technical and contractual holding times.	Low
G102	Arsenic	J	1) The blank is contaminated and the sample result is negative. 2) The matrix spike recovery is low. 3) The analytical spike recovery is low.	Low
	Lead	J	1) The analytical spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
	Thallium	J	The matrix spike recovery is low.	Low
G103	Arsenic	J	1) The blank is contaminated and the sample result is negative. 2) The matrix spike recovery is low. 3) The analytical spike recovery is low.	Low
	Lead	J	1) The analytical spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
	Thallium	J	The matrix spike recovery is low.	Low
G104	Arsenic	J	The matrix spike recovery is low.	Low
	Lead	J	The analytical spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
	Thallium	J	The matrix spike recovery is low.	Low

Sample Number	Analyte	Qualifier	Reasons Qualified	Overall Bias
X101	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
	Cyanide	J	No preparation blank prepared on day of sample preparation.	Unknown
X102	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	The matrix spike recovery is low.	Low
X103	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
	Thallium	J	The analytical spike recovery is low.	Low
X104	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
	Thallium	J	The analytical spike recovery is low.	Low
X105	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
	Thallium	J	The analytical spike recovery is low.	Low
X107	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	The matrix spike recovery is low.	Low

Sample Number	Analyte	Qualifier	Reasons Qualified	Overall Bias
X108	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
X109	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	The matrix spike recovery is low.	Low
X110	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
X111	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
X112	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
X113	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low
	Thallium	J	The analytical spike recovery is low.	Low
X114	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low

Sample Number	Analyte	Qualifier	Reasons Qualified	Overall Bias
X115	Antimony	J	The matrix spike recovery is low.	Low
	Arsenic	J	The matrix spike recovery is low.	Low
	Selenium	J	1) The matrix spike recovery is low. 2) The analytical spike recovery is low.	Low

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
G101

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMCAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (water): _____ Lab Sample ID: B615138

Level (low/med): _____ Date Received: 08/21/96

Concentration Units (ug/L): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	26.0	U		PM	
7440-36-0	Antimony	33.0	U		PM	
7440-38-2	Arsenic	1376		S	FM	
7440-39-3	Barium	17.6	B		PM	
7440-41-7	Beryllium	1.0	U		PM	
7440-43-9	Cadmium	4.0	U		PM	
7440-70-2	Calcium	383000			PM	
7440-47-3	Chromium	3.0	U		PM	
7440-48-4	Cobalt	12.0	U		PM	
7440-50-8	Copper	3.0	U		PM	
7439-89-6	Iron	35500			PM	
7439-92-1	Lead	5.0	U	E	FM	J
7439-95-4	Magnesium	742000			PM	
7439-96-5	Manganese	1050			PM	
7439-97-6	Mercury	0.05	U		AV	
7440-02-0	Nickel	32.5	B		PM	
7440-09-7	Potassium	38100			PM	
7782-49-2	Selenium	5.0	U	E,N	FM	J
7440-22-4	Silver	6.0	U		PM	
7440-23-5	Sodium	2200000			PM	
7440-28-0	Thallium	2.0	B	W,N	FM	J
7440-62-2	Vanadium	3.0	U		PM	
7440-66-6	Zinc	7440			PM	
	Cyanide	10.0	U		CA	J
	Sulfide	1000	U		T	
	Sulfate	7100000			AS	

Color Before: YELLOW Clarity Before: CLOUDY Texture:
Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments: SULFIDE SW846 METHODOLOGY
SULFATE IEPA METHODOLOGY

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
G102

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (water): _____ Lab Sample ID: B615139

Level (low/med): _____ Date Received: 08/21/96

Concentration Units (ug/L): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	68.8	B		PM	
7440-36-0	Antimony	33.0	U		PM	
7440-38-2	Arsenic	1.0	U	W	FM	J
7440-39-3	Barium	33.1	B		PM	
7440-41-7	Beryllium	1.0	U		PM	
7440-43-9	Cadmium	4.0	U		PM	
7440-70-2	Calcium	176000			PM	
7440-47-3	Chromium	3.0	U		PM	
7440-48-4	Cobalt	12.0	U		PM	
7440-50-8	Copper	3.0	U		PM	
7439-89-6	Iron	19700			PM	
7439-92-1	Lead	1.0	U	W	FM	J
7439-95-4	Magnesium	41300			PM	
7439-96-5	Manganese	983			PM	
7439-97-6	Mercury	0.05	U		AV	
7440-02-0	Nickel	18.0	U		PM	
7440-09-7	Potassium	19900			PM	
7782-49-2	Selenium	5.0	U	W,N	FM	J
7440-22-4	Silver	6.0	U		PM	
7440-23-5	Sodium	295000			PM	
7440-28-0	Thallium	1.0	U	N	FM	J
7440-62-2	Vanadium	3.0	U		PM	
7440-66-6	Zinc	10.4	B		PM	
	Cyanide	10.0	U		CA	
	Sulfide	1000	U		T	
	Sulfate	775000			AS	

Color Before: YELLOW Clarity Before: CLOUDY Texture:
Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments: SULFIDE SW846 METHODOLOGY
SULFATE IEPA METHODOLOGY

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
G103

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (water): _____ Lab Sample ID: B615140

Level (low/med): _____ Date Received: 08/21/96

Concentration Units (ug/L): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	26.0	U		PM	
7440-36-0	Antimony	33.0	U		PM	
7440-38-2	Arsenic	1.0	U	W	FM	J
7440-39-3	Barium	32.8	B		PM	
7440-41-7	Beryllium	1.0	U		PM	
7440-43-9	Cadmium	4.0	U		PM	
7440-70-2	Calcium	177000			PM	
7440-47-3	Chromium	3.0	U		PM	
7440-48-4	Cobalt	12.0	U		PM	
7440-50-8	Copper	3.0	U		PM	
7439-89-6	Iron	19100			PM	
7439-92-1	Lead	1.0	U	W	FM	J
7439-95-4	Magnesium	41500			PM	
7439-96-5	Manganese	989			PM	
7439-97-6	Mercury	0.05	U		AV	
7440-02-0	Nickel	18.0	U		PM	
7440-09-7	Potassium	20000			PM	
7782-49-2	Selenium	5.0	U	W,N	FM	J
7440-22-4	Silver	6.0	U		PM	
7440-23-5	Sodium	296000			PM	
7440-28-0	Thallium	1.0	U	N	FM	J
7440-62-2	Vanadium	3.0	U		PM	
7440-66-6	Zinc	6.0	U		PM	
	Cyanide	10.0	U		CA	
	Sulfide	1000	U		T	
	Sulfate	772000			AS	

Color Before: YELLOW Clarity Before: CLOUDY Texture:
Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments: SULFIDE SW846 METHODOLOGY
SULFATE IEPA METHODOLOGY

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
G104

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (water): _____ Lab Sample ID: B615141

Level (low/med): _____ Date Received: 08/21/96

Concentration Units (ug/L): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	131	B		PM	
7440-36-0	Antimony	33.0	U		PM	
7440-38-2	Arsenic	8.9	B		FM	J
7440-39-3	Barium	46.6	B		PM	
7440-41-7	Beryllium	1.0	U		PM	
7440-43-9	Cadmium	4.0	U		PM	
7440-70-2	Calcium	620000			PM	
7440-47-3	Chromium	3.0	U		PM	
7440-48-4	Cobalt	12.0	U		PM	
7440-50-8	Copper	3.0	U		PM	
7439-89-6	Iron	104000			PM	
7439-92-1	Lead	1.0	U	W	FM	J
7439-95-4	Magnesium	109000			PM	
7439-96-5	Manganese	3330			PM	
7439-97-6	Mercury	0.05	U		AV	
7440-02-0	Nickel	18.0	U		PM	
7440-09-7	Potassium	35300			PM	
7782-49-2	Selenium	5.0	U	E,N	FM	J
7440-22-4	Silver	6.0	U		PM	
7440-23-5	Sodium	276000			PM	
7440-28-0	Thallium	1.0	U	N	FM	J
7440-62-2	Vanadium	3.0	U		PM	
7440-66-6	Zinc	205			PM	
	Cyanide	10.0	U		CA	
	Sulfide	1000	U		T	
	Sulfate	963000			AS	

Color Before: COLORLESS Clarity Before: CLEAR Texture:
Color After: COLORLES Clarity After: CLEAR Artifacts:

Comments: SULFIDE SW846 METHODOLOGY
SULFATE IEPA METHODOLOGY

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X101

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615142

Level (low/med): _____ Date Received: '08/21/96

% Solids: 69.2

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	8360			P	
7440-36-0	Antimony	8.7	U	N	P	J
7440-38-2	Arsenic	6.8		N	FM	J
7440-39-3	Barium	92.4			P	
7440-41-7	Beryllium	0.86	B		P	
7440-43-9	Cadmium	1.4	B		P	
7440-70-2	Calcium	37000			P	
7440-47-3	Chromium	71.6			P	
7440-48-4	Cobalt	8.5	B		P	
7440-50-8	Copper	24.1			P	
7439-89-6	Iron	23100			P	
7439-92-1	Lead	75.2			P	
7439-95-4	Magnesium	12200	B	[illegible]	P	
7439-96-5	Manganese	2120			P	
7439-97-6	Mercury	0.04	U		AV	
7440-02-0	Nickel	17.4			P	
7440-09-7	Potassium	1170	B		P	
7782-49-2	Selenium	0.38	B	W,N	FM	J
7440-22-4	Silver	1.4	U		P	
7440-23-5	Sodium	152	B		P	
7440-28-0	Thallium	0.29	U		FM	
7440-62-2	Vanadium	35.7			P	
7440-66-6	Zinc	163			P	
	Cyanide	0.79			CA	J

Color Before: BLACK Clarity Before: OPAQUE Texture: FINE
Color After: BROWN Clarity After: CLEAR Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X102

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615143

Level (low/med): _____ Date Received: 08/21/96

% Solids: 85.5

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	1520			P	
7440-36-0	Antimony	6.4	U	N	P	J
7440-38-2	Arsenic	3.4		N	FM	J
7440-39-3	Barium	252			P	
7440-41-7	Beryllium	0.23	B		P	
7440-43-9	Cadmium	0.64	U		P	
7440-70-2	Calcium	451	B		P	
7440-47-3	Chromium	12.9			P	
7440-48-4	Cobalt	3.3	B		P	
7440-50-8	Copper	7.5			P	
7439-89-6	Iron	12200			P	
7439-92-1	Lead	198			P	
7439-95-4	Magnesium	224	B		P	
7439-96-5	Manganese	53.9			P	
7439-97-6	Mercury	0.55			AV	
7440-02-0	Nickel	10.1			P	
7440-09-7	Potassium	625	B		P	
7782-49-2	Selenium	0.98	B	N	FM	J
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	73.2	B		P	
7440-28-0	Thallium	0.23	U		FM	
7440-62-2	Vanadium	8.5	B		P	
7440-66-6	Zinc	16.7			P	
	Cyanide	0.58			CA	

Color Before: BLACK Clarity Before: OPAQUE Texture: FINE
Color After: BLACK Clarity After: CLOUDY Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X103

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615144

Level (low/med): _____ Date Received: 08/21/96

% Solids: 89.9

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	15000		~~N~~ may [illegible]	P	
7440-36-0	Antimony	5.7	U	S,N	P	J
7440-38-2	Arsenic	7.9		N may [illegible]	FM	J
7440-39-3	Barium	92.4			P	
7440-41-7	Beryllium	1.5			P	
7440-43-9	Cadmium	1.1			P	
7440-70-2	Calcium	63900			P	
7440-47-3	Chromium	25.8			P	
7440-48-4	Cobalt	9.5			P	
7440-50-8	Copper	22.8			P	
7439-89-6	Iron	20400			P	
7439-92-1	Lead	24.4			FM	
7439-95-4	Magnesium	25800			P	
7439-96-5	Manganese	585			P	
7439-97-6	Mercury	0.03	U		AV	
7440-02-0	Nickel	28.2			P	
7440-09-7	Potassium	3710			P	
7782-49-2	Selenium	1.1	U	W,N	FM	J
7440-22-4	Silver	0.94	U		P	
7440-23-5	Sodium	316	B		P	
7440-28-0	Thallium	0.38	B	W	FM	J
7440-62-2	Vanadium	26.8			P	
7440-66-6	Zinc	77.6			P	
	Cyanide	0.56	U		CA	

Color Before: BROWN Clarity Before: OPAQUE Texture: MEDIUM
Color After: BROWN Clarity After: CLOUDY Artifacts:

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X104

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMCIAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615145

Level (low/med): _____ Date Received: 08/21/96

% Solids: 91.1

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	12400			P	
7440-36-0	Antimony	6.5	U	N	P	J
7440-38-2	Arsenic	9.4		N	FM	J
7440-39-3	Barium	64.9			P	
7440-41-7	Beryllium	0.92	B		P	
7440-43-9	Cadmium	0.80	B		P	
7440-70-2	Calcium	54000			P	
7440-47-3	Chromium	24.2			P	
7440-48-4	Cobalt	11.1			P	
7440-50-8	Copper	21.5			P	
7439-89-6	Iron	21200			P	
7439-92-1	Lead	25.5			FM	
7439-95-4	Magnesium	24200			P	
7439-96-5	Manganese	519			P	
7439-97-6	Mercury	0.03	B		AV	
7440-02-0	Nickel	30.4			P	
7440-09-7	Potassium	3060			P	
7782-49-2	Selenium	1.1	U	W,N	FM	J
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	213	B		P	
7440-28-0	Thallium	0.34	B	W	FM	J
7440-62-2	Vanadium	24.4			P	
7440-66-6	Zinc	78.3			P	
	Cyanide	0.55	U		CA	

Color Before: BROWN Clarity Before: OPAQUE Texture: MEDIUM
Color After: BROWN Clarity After: CLOUDY Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X105

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMCIAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615146

Level (low/med): _____ Date Received: 08/21/96

% Solids: 96.0

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	5950			P	
7440-36-0	Antimony	6.2	U	N	P	J
7440-38-2	Arsenic	5.7		N	FM	J
7440-39-3	Barium	73.7			P	
7440-41-7	Beryllium	1.0	B		P	
7440-43-9	Cadmium	0.84	B		P	
7440-70-2	Calcium	178000			P	
7440-47-3	Chromium	25.7			P	
7440-48-4	Cobalt	2.3	B		P	
7440-50-8	Copper	19.1			P	
7439-89-6	Iron	11300			P	
7439-92-1	Lead	119			P	
7439-95-4	Magnesium	99300			P	
7439-96-5	Manganese	1000			P	
7439-97-6	Mercury	0.13			AV	
7440-02-0	Nickel	6.6	B		P	
7440-09-7	Potassium	593	B		P	
7782-49-2	Selenium	1.0	U	E,N	FM	J
7440-22-4	Silver	1.0	U		P	
7440-23-5	Sodium	320	B		P	
7440-28-0	Thallium	0.20	U	W	FM	J
7440-62-2	Vanadium	12.5			P	
7440-66-6	Zinc	89.6			P	
	Cyanide	4.7			CA	

Color Before: GRAY Clarity Before: OPAQUE Texture: FINE
Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
x107

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615147

Level (low/med): _____ Date Received: 08/21/96

% Solids: 84.2

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	1100			P	
7440-36-0	Antimony	6.8	U	N	P	
7440-38-2	Arsenic	166		N	FM	
7440-39-3	Barium	56.9			P	
7440-41-7	Beryllium	0.23	U		P	
7440-43-9	Cadmium	0.68	U		P	
7440-70-2	Calcium	7300			P	
7440-47-3	Chromium	81.8			P	
7440-48-4	Cobalt	14.1			P	
7440-50-8	Copper	41.5			P	
7439-89-6	Iron	212000			P	
7439-92-1	Lead	394			P	
7439-95-4	Magnesium	4360			P	
7439-96-5	Manganese	847			P	
7439-97-6	Mercury	0.15			AV	
7440-02-0	Nickel	34.6			P	
7440-09-7	Potassium	910	B		P	
7782-49-2	Selenium	0.24	U	N	FM	
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	249	B		P	
7440-28-0	Thallium	1.2	U		FM	
7440-62-2	Vanadium	31.3			P	
7440-66-6	Zinc	373			P	
	Cyanide	0.59	U		CA	

Color Before: RED Clarity Before: OPAQUE Texture: MEDIUM
Color After: BLACK Clarity After: CLOUDY Artifacts:

Comments:

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X108

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMCIAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615148

Level (low/med): _____ Date Received: 08/21/96

% Solids: 93.5

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	1390			P	
7440-36-0	Antimony	6.4	U	N	P	J
7440-38-2	Arsenic	9.6		N	FM	J
7440-39-3	Barium	226			P	
7440-41-7	Beryllium	0.45	B		P	
7440-43-9	Cadmium	0.64	U		P	
7440-70-2	Calcium	18200			P	
7440-47-3	Chromium	13.1			P	
7440-48-4	Cobalt	3.1	B		P	
7440-50-8	Copper	13.2			P	
7439-89-6	Iron	15800			P	
7439-92-1	Lead	61.4			P	
7439-95-4	Magnesium	1190			P	
7439-96-5	Manganese	186			P	
7439-97-6	Mercury	0.07	B		AV	
7440-02-0	Nickel	4.9	B		P	
7440-09-7	Potassium	1610			P	
7782-49-2	Selenium	0.83	B	+, N	FM	J
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	275	B		P	
7440-28-0	Thallium	1.1	U		FM	
7440-62-2	Vanadium	14.9			P	
7440-66-6	Zinc	20.6			P	
	Cyanide	0.53	U*		CA	

Color Before: GRAY Clarity Before: OPAQUE Texture: FINE
Color After: BLACK Clarity After: CLOUDY Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X109

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615149

Level (low/med): _____ Date Received: 08/21/96

% Solids: 92.0

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8280			P
7440-36-0	Antimony	6.5	U	N	P
7440-38-2	Arsenic	67.5		N	FM
7440-39-3	Barium	194			P
7440-41-7	Beryllium	0.88	B		P
7440-43-9	Cadmium	8.8			P
7440-70-2	Calcium	117000			P
7440-47-3	Chromium	2160			P
7440-48-4	Cobalt	21.0			P
7440-50-8	Copper	109			P
7439-89-6	Iron	133000			P
7439-92-1	Lead	1090			P
7439-95-4	Magnesium	22200			P
7439-96-5	Manganese	21200			P
7439-97-6	Mercury	3.26			AV
7440-02-0	Nickel	86.0			P
7440-09-7	Potassium	810	B		P
7782-49-2	Selenium	19.5		S,N	FM
7440-22-4	Silver	1.4	B		P
7440-23-5	Sodium	649	B		P
7440-28-0	Thallium	1.1	U		FM
7440-62-2	Vanadium	183			P
7440-66-6	Zinc	814			P
	Cyanide	1.1			CA

Color Before: BLACK Clarity Before: OPAQUE Texture: MEDIU,
Color After: BLACK Clarity After: CLOUDY Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X110

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615150

Level (low/med): _____ Date Received: 08/21/96

% Solids: '94.9

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	7530			P	
7440-36-0	Antimony	6.2	U	N	P	J
7440-38-2	Arsenic	13.7		N	FM	J
7440-39-3	Barium	148			P	
7440-41-7	Beryllium	1.5			P	
7440-43-9	Cadmium	0.95	B		P	
7440-70-2	Calcium	25100			P	
7440-47-3	Chromium	59.8			P	
7440-48-4	Cobalt	8.2	B		P	
7440-50-8	Copper	77.3			P	
7439-89-6	Iron	43900			P	
7439-92-1	Lead	334			P	
7439-95-4	Magnesium	8030			P	
7439-96-5	Manganese	2180			P	
7439-97-6	Mercury	0.48			AV	
7440-02-0	Nickel	28.8			P	
7440-09-7	Potassium	846	B		P	
7782-49-2	Selenium	0.35	B	W,N	FM	J
7440-22-4	Silver	1.0	U		P	
7440-23-5	Sodium	332	B		P	
7440-28-0	Thallium	1.0	U		FM	
7440-62-2	Vanadium	40.5			P	
7440-66-6	Zinc	277			P	
	Cyanide	0.53	U		CA	

Color Before: BLACK Clarity Before: OPAQUE Texture: FINE
Color After: BLACK Clarity After: CLOUDY Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X111

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615151

Level (low/med): _____ Date Received: 08/21/96

% Solids: 91.9

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	42700			P	
7440-36-0	Antimony	6.3	U	N	P	J
7440-38-2	Arsenic	1.6	B	N	FM	J
7440-39-3	Barium	370			P	
7440-41-7	Beryllium	6.1			P	
7440-43-9	Cadmium	3.2			P	
7440-70-2	Calcium	204000			P	
7440-47-3	Chromium	124			P	
7440-48-4	Cobalt	4.6	B		P	
7440-50-8	Copper	37.2			P	
7439-89-6	Iron	44500			P	
7439-92-1	Lead	116			P	
7439-95-4	Magnesium	49900			P	
7439-96-5	Manganese	6010			P	
7439-97-6	Mercury	0.06	B		AV	
7440-02-0	Nickel	45.2			P	
7440-09-7	Potassium	4540			P	
7782-49-2	Selenium	1.2	B	E,N	FM	J
7440-22-4	Silver	1.0	U	~~W~~ [illegible]	P	
7440-23-5	Sodium	2340			P	
7440-28-0	Thallium	0.22	U		FM	
7440-62-2	Vanadium	16.0			P	
7440-66-6	Zinc	130			P	
	Cyanide	1.4			CA	

Color Before: BLACK Clarity Before: OPQUE Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X112

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615152

Level (low/med): _____ Date Received: 08/21/96

% Solids: 87.0

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	8160			P	
7440-36-0	Antimony	6.6	U	N	P	J
7440-38-2	Arsenic	7.2		N	FM	J
7440-39-3	Barium	117			P	
7440-41-7	Beryllium	0.98	B		P	
7440-43-9	Cadmium	1.4			P	
7440-70-2	Calcium	143000			P	
7440-47-3	Chromium	74.1			P	
7440-48-4	Cobalt	5.7	B		P	
7440-50-8	Copper	123			P	
7439-89-6	Iron	40800			P	
7439-92-1	Lead	548			P	
7439-95-4	Magnesium	79600			P	
7439-96-5	Manganese	2030			P	
7439-97-6	Mercury	3.79			AV	
7440-02-0	Nickel	31.9			P	
7440-09-7	Potassium	1170			P	
7782-49-2	Selenium	1.2	U	W, N	FM	J
7440-22-4	Silver	1.1	U		P	
7440-23-5	Sodium	3330			P	
7440-28-0	Thallium	1.2	U		FM	
7440-62-2	Vanadium	19.0			P	
7440-66-6	Zinc	426			P	
	Cyanide	0.57	U		CA	

Color Before: BLACK Clarity Before: OPAQUE Texture: MEDIUM
Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X113

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615153

Level (low/med): _____ Date Received: 08/21/96

% Solids: 89.9

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	7610			P	
7440-36-0	Antimony	5.9	U	N	P	J
7440-38-2	Arsenic	7.1		N	FM	J
7440-39-3	Barium	222			P	
7440-41-7	Beryllium	1.1			P	
7440-43-9	Cadmium	2.2			P	
7440-70-2	Calcium	117000			P	
7440-47-3	Chromium	47.4			P	
7440-48-4	Cobalt	5.1	B		P	
7440-50-8	Copper	59.5			P	
7439-89-6	Iron	17700			P	
7439-92-1	Lead	238			P	
7439-95-4	Magnesium	60000			P	
7439-96-5	Manganese	1590			P	
7439-97-6	Mercury	0.31			AV	
7440-02-0	Nickel	19.8			P	
7440-09-7	Potassium	1200			P	
7782-49-2	Selenium	1.1	U	W, N	FM	J
7440-22-4	Silver	0.98	U		P	
7440-23-5	Sodium	500	B		P	
7440-28-0	Thallium	0.22	U	W	FM	J
7440-62-2	Vanadium	13.7			P	
7440-66-6	Zinc	456			P	
	Cyanide	0.56			CA	

Color Before: BLACK Clarity Before: OPAQUE Texture: MEDIUM
Color After: BLACK Clarity After: CLOUDY Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X114

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615154

Level (low/med): _____ Date Received: 08/21/96

% Solids: 93.4

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	10100			P	
7440-36-0	Antimony	5.6	U	N	P	J
7440-38-2	Arsenic	20.7		N	FM	J
7440-39-3	Barium	401			P	
7440-41-7	Beryllium	1.6			P	
7440-43-9	Cadmium	6.0			P	
7440-70-2	Calcium	45500			P	
7440-47-3	Chromium	78.2			P	
7440-48-4	Cobalt	8.2	B		P	
7440-50-8	Copper	476			P	
7439-89-6	Iron	54400			P	
7439-92-1	Lead	774			P	
7439-95-4	Magnesium	14300			P	
7439-96-5	Manganese	889			P	
7439-97-6	Mercury	1.19			AV	
7440-02-0	Nickel	31.8			P	
7440-09-7	Potassium	1250			P	
7782-49-2	Selenium	0.43	B	W, N	FM	J
7440-22-4	Silver	3.8			P	
7440-23-5	Sodium	1810			P	
7440-28-0	Thallium	1.1	U		FM	
7440-62-2	Vanadium	31.9			P	
7440-66-6	Zinc	1660			P	
	Cyanide	0.54	U		CA	

Color Before: BLACK Clarity Before: OPAQUE Texture: FINE
Color After: BLACK Clarity After: CLOUDY Artifacts:

Comments: _____

U.S. EPA - CLP
1
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X115

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: ALLIED CHEMICAL

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 152

Matrix (soil): _____ Lab Sample ID: B615155

Level (low/med): _____ Date Received: 08/21/96

% Solids: 91.5

Concentration Units (mg/kg dry weight): _____

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	19900			P	
7440-36-0	Antimony	6.2	U	N	P	
7440-38-2	Arsenic	4.5		N	FM	
7440-39-3	Barium	276			P	
7440-41-7	Beryllium	3.6			P	
7440-43-9	Cadmium	6.7			P	
7440-70-2	Calcium	179000			P	
7440-47-3	Chromium	160			P	
7440-48-4	Cobalt	3.1	B		P	
7440-50-8	Copper	31.9			P	
7439-89-6	Iron	22500			P	
7439-92-1	Lead	119			P	
7439-95-4	Magnesium	68000			P	
7439-96-5	Manganese	2550			P	
7439-97-6	Mercury	0.09	B		AV	
7440-02-0	Nickel	18.0			P	
7440-09-7	Potassium	1170			P	
7782-49-2	Selenium	1.1	U	W, N	FM	
7440-22-4	Silver	1.7	B		P	
7440-23-5	Sodium	720	B		P	
7440-28-0	Thallium	1.1	U		FM	
7440-62-2	Vanadium	15.3			P	
7440-66-6	Zinc	253			P	
	Cyanide	0.55	U		CA	

Color Before: GRAY Clarity Before: OPAQUE Texture: FINE
Color After: BLACK Clarity After: CLOUDY Artifacts:

Comments: _____

SDG NARRATIVE

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
825 N. RUTLEDGE
SPRINGFIELD, ILLINOIS 62702
(217)-782-9873

Case: Allied Chemical

Sample Identification		IEPA Sample Number	pH
G101		D610381	4.0
G102		D610382	4.0
G103	(4)	D610383	4.0
G102RE	(2)	D610382	
G104		D610384	4.0
G104RE		D610384	
VBLKTB		D610385	4.0
X101		D610386	
X102		D610387	
X102DL	(3)	D610387D	
X103		D610388	
X104	(4)	D610389	
X105		D610390	
X105RE	(1)	D610390RE	
X105DL	(2)	D610390	
X107		D610391	
X107RE	(1)	D610391RE	
X107RE	(2)	D610391	
X107DL	(3)	D610391D	
X108		D610392	
X108RE	(1)	D610392RE	
X108RE	(2)	D610392	
X109		D610393	
X109RE	(1)	D610393RE	
X110		D610394	
X110RE	(1)	D610394RE	
X110RE	(2)	D610394	
X110DL	(3)	D610394D	
X111		D610395	
X111RE	(1)	D610395RE	
X112		D610396	
X112RE	(1)	D610396RE	
X112DL	(2)	D610396	

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X113		D610397
X113RE	(1)	D610397RE
X113DL	(2)	D610397
X113DL	(3)	D610397D
X114		D610398
X114RE	(1)	D610398RE
X114DL	(3)	D61038D
X115		D610399
X115RE	(1)	D610399RE
X115DL	(2)	D610399
X115DL	(3)	D610399D
VBLKW		082396BLK
VBLKSL1		082696BLK
VBLKSL2		082796BLK
VBLKSL3		082896BLK
SBLKW		D610483
SBLKSL		D610499
PBLKW1		D610494
PBLKS1		D610929
GPCBLK		GPCBLANK
G104MS	(1)	D610384MS
G104MSD	(1)	D610384MSD
X112MS	(1)	D610396MS
X112MSD	(1)	D610396MSD
G103MS	(2)	D610383
G103MSD	(2)	D610383R
X104MS	(2)	D610389
X104MSD	(2)	D510389R
G103MS	(3)	D610383
G103MSD	(3)	D610383R
X101MS	(3)	D610928
X101MSD	(3)	D610928R

(1) Volatile sample
(2) Semivolatile sample
(3) Pesticide sample
(4) This is a duplicate sample. It was used as a matrix spike for semivolatiles and pesticides.

VOLATILE FRACTION

Many of the soil samples were rerun because the internal standards were affected by the sample matrix.

The spectral disagreement for the following compounds is more than the 20% allowed when compared to the standard spectrum:

X101

1,1,1-Trichloroethane is near the detection limit.

X104

Methylene chloride is near the detection limit.

X105

1,1,1-Trichloroethane is near the detection limit.

X107

1,1,1-Trichloroethane is near the detection limit.

X107RE

1,1,1-Trichloroethane is near the detection limit.

X109RE

1,1,1-Trichloroethane is near the detection limit.

X113

1,1,1-Trichloroethane is near the detection limit.

X114

1,1,1-Trichloroethane is near the detection limit.

X114RE

1,1,1-Trichloroethane is near the detection limit.

SEMIVOLATILE FRACTION

Due to a software problem, N-nitroso-di-n-propylamine is listed twice on all Form I, Form VI and Form VII printouts.

G102

TIC #7 on Form I should read bicyclo[2,2,1], 4,7,7-trimethyl. There was insufficient room on the form.

G102RE

TIC #8 on Form I should read bicyclo[2,2,1], 4,7,7-trimethyl. There was insufficient room on the form.

X102

The initial run for this sample was at a dilution because of the highly colored extract.

X103

Due to a software problem, the library match for fluoranthene was printed instead of the spectrum from the standard run.

Due to a software problem, the library match for benzo(a)pyrene was printed instead of the spectrum from the standard run.

X109

Due to a software problem, the library match for benzo(b)fluoranthene was printed instead of the spectrum from the standard run.

X110

Due to a software problem, the library match for benzo(k)fluoranthene was printed instead of the spectrum from the standard run.

X111

Due to a software problem, the library match for benzo(k)fluoranthene was printed instead of the spectrum from the standard run.

X112

Due to a software problem, the library match for benzo(k)fluoranthene was printed instead of the spectrum from the standard run.

X112DL

Due to a software problem, the library match for benzo(b)fluoranthene was printed instead of the spectrum from the standard run.

X113

The initial run for this sample had one internal standard outside of the upper limit. Both a rerun and a dilution were done. The CLP statement of work requires that only two runs be submitted, so the rerun which also had an internal outside of the limit, was not submitted.

X114

Due to a software problem, the library match for benzo(b)fluoranthene was printed instead of the spectrum from the standard run.

X115

The initial run for this sample was at a dilution because of the highly colored extract.

X115DL

Due to a software problem, the library match for benzo(b)fluoranthene was printed instead of the spectrum from the standard run.

The spectral disagreement for the following compounds is more than the 20% allowed when compared to the standard spectrum:

G102

Fluoranthene coelutes with a TIC.
Benzo(a)anthracene coelutes with a TIC.

G104

Di-n-butylphthalate coelutes with a TIC.
Fluoranthene coelutes with a TIC.

G104RE

Di-n-butylphthalate coelutes with a TIC.
Fluoranthene coelutes with a TIC.

X101

Benzo(b)fluoranthene coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.

X102

Benzo(b)fluoranthene coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.

X103

Fluoranthene coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

X105

Carbazole coelutes with a TIC.
Fluoranthene coelutes with a TIC.
Pyrene coelutes with a TIC.
Chrysene coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.

Indeno(1,2,3-cd)pyrene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

X105DL

Carbazole coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.
Dibenzo(a,h)anthracene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

X107

Benzo(a)anthracene coelutes with a TIC.
Chrysene coelutes with a TIC.

X107RE

Benzo(a)anthracene coelutes with a TIC.
Chrysene coelutes with a TIC.

X108

Benzo(a)anthracene coelutes with a TIC.
Benzo(b)fluoranthene coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.

X108RE

Benzo(a)anthracene coelutes with a TIC.
Benzo(b)fluoranthene coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.

X109

Benzo(a)anthracene coelutes with a TIC.
Bis(2-ethylhexyl)phthalate coelutes with a TIC.
Benzo(b)fluoranthene coelutes with a TIC.
Benzo(k)fluoranthene coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

X110

2-Methylnaphthalene coelutes with a TIC.
Carbazole coelutes with a TIC.
Benzo(a)anthracene coelutes with a TIC.
Bis(2-ethylhexyl)phthalate coelutes with a TIC.
Benzo(k)fluoranthene coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.

X110RE

Anthracene coelutes with a TIC.
Carbazole coelutes with a TIC.
Bis(2-ethylhexyl)phthalate coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.

X111

Benzo(k)fluoranthene coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.
Dibenzo(a,h)anthracene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

X112

2-Methylnaphthalene coelutes with a TIC.
Fluorene coelutes with a TIC.
Carbazole coelutes with a TIC.
Fluoranthene coelutes with a TIC.
Pyrene coelutes with a TIC.
Benzo(a)anthracene coelutes with a TIC.
Chrysene coelutes with a TIC.
Benzo(b)fluoranthene coelutes with a TIC.
Benzo(k)fluoranthene coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.
Dibenzo(a,h)anthracene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

X112DL

Benzo(ghi)perylene coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

X113

Fluorene coelutes with a TIC.
Fluoranthene coelutes with a TIC.
Pyrene coelutes with a TIC.
Benzo(a)anthracene coelutes with a TIC.
Bis(2-ethylhexyl)phthalate coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.
Dibenzo(a,h)anthracene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

X113DL

Fluorene coelutes with a TIC.
Bis(2-ethylhexyl)phthalate coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

X114

Benzo(b)fluoranthene coelutes with a TIC.
Benzo(k)fluoranthene coelutes with a TIC.
Indeno(1,2,3-cd) coelutes with a TIC.

X115

Fluoranthene coelutes with a TIC.
Pyrene coelutes with a TIC.
Benzo(k)fluoranthene coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.
Dibenzo(ah)anthracene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

X115DL

Benzo(b)fluoranthene coelutes with a TIC.
Benzo(a)pyrene coelutes with a TIC.
Indeno(1,2,3-cd)pyrene coelutes with a TIC.
Benzo(ghi)perylene coelutes with a TIC.

PESTICIDE FRACTION

There were no problems to report in the analysis of these samples.

Celeste Crowley 9/25/96
Celeste Crowley Date
Pesticide Supervisor

9/25/96
Gary Germann Date
GC/MS Supervisor

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610381

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C0823BH09

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. Date Analyzed: 08/23/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610381

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C0823BH09

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. Date Analyzed: 08/23/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

L Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610382

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C0823BH06

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. Date Analyzed: 08/23/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610382

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C0823BH06

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. Date Analyzed: 08/23/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 629-14-1	ETHANE, 1,2-DIETHOXY-	5.70	14	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G103

L Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610383

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C0823BH07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. Date Analyzed: 08/23/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G103

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610383

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C0823BH07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. Date Analyzed: 08/23/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 420-56-4	SILANE, FLUOROTRIMETHYL-	3.85	21	JN
2. 629-14-1	ETHANE, 1,2-DIETHOXY-	5.70	12	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610384

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C0823BH08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. Date Analyzed: 08/23/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610384

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C0823BH08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. Date Analyzed: 08/23/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKTB

L Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610385

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C0823BH04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. Date Analyzed: 08/23/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKTB

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610385

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C0823BH04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. Date Analyzed: 08/23/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

L. Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610386

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 29 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	14	U
75-00-3	Chloroethane	14	UJ
75-09-2	Methylene Chloride	14	U
67-64-1	Acetone	43	J
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	14	U
540-59-0	1,2-Dichloroethene (total)	14	U
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	14	J
71-55-6	1,1,1-Trichloroethane	4	J
56-23-5	Carbon Tetrachloride	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610386

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 29 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

La Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610387

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH05

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 21 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	UJ
75-09-2	Methylene Chloride	13	U
67-64-1	Acetone	13	UJ
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	21	
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	13	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610387

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH05

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 21 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

L Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610388

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH06

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 11 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	7	J
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	68	
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610388

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH06

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 11 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

La Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610389

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 9 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U J
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	11	U J
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	20	
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610389

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 9 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

L Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610390

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 4 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

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

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610390

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 4 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

La Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610391

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH09

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 16 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	UJ
74-83-9	Bromomethane	12	UJ
75-01-4	Vinyl Chloride	12	UJ
75-00-3	Chloroethane	12	UJ
75-09-2	Methylene Chloride	12	UJ
67-64-1	Acetone	12	UJ
75-15-0	Carbon Disulfide	12	UJ
75-35-4	1,1-Dichloroethene	12	UJ
75-34-3	1,1-Dichloroethane	12	UJ
540-59-0	1,2-Dichloroethene (total)	12	UJ
67-66-3	Chloroform	12	UJ
107-06-2	1,2-Dichloroethane	12	UJ
78-93-3	2-Butanone	12	UJ
71-55-6	1,1,1-Trichloroethane	8	J
56-23-5	Carbon Tetrachloride	12	UJ
75-27-4	Bromodichloromethane	12	UJ
78-87-5	1,2-Dichloropropane	12	UJ
10061-01-5	cis-1,3-Dichloropropene	12	UJ
79-01-6	Trichloroethene	12	UJ
124-48-1	Dibromochloromethane	12	UJ
79-00-5	1,1,2-Trichloroethane	12	UJ
71-43-2	Benzene	12	UJ
10061-02-6	trans-1,3-Dichloropropene	12	UJ
75-25-2	Bromoform	12	UJ
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610391

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH09

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 16 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610392

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH10

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 7 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U J
74-83-9	Bromomethane	11	U J
75-01-4	Vinyl Chloride	11	U J
75-00-3	Chloroethane	11	U J
75-09-2	Methylene Chloride	11	U J
67-64-1	Acetone	11	U J
75-15-0	Carbon Disulfide	11	U J
75-35-4	1,1-Dichloroethene	11	U J
75-34-3	1,1-Dichloroethane	11	U J
540-59-0	1,2-Dichloroethene (total)	11	U J
67-66-3	Chloroform	11	U J
107-06-2	1,2-Dichloroethane	11	U J
78-93-3	2-Butanone	11	U J
71-55-6	1,1,1-Trichloroethane	22	J
56-23-5	Carbon Tetrachloride	11	U J
75-27-4	Bromodichloromethane	11	U J
78-87-5	1,2-Dichloropropane	11	U J
10061-01-5	cis-1,3-Dichloropropene	11	U J
79-01-6	Trichloroethene	11	U J
124-48-1	Dibromochloromethane	11	U J
79-00-5	1,1,2-Trichloroethane	11	U J
71-43-2	Benzene	11	U J
10061-02-6	trans-1,3-Dichloropropene	11	U J
75-25-2	Bromoform	11	U J
108-10-1	4-Methyl-2-Pentanone	11	U J
591-78-6	2-Hexanone	11	U J
127-18-4	Tetrachloroethene	11	U J
79-34-5	1,1,2,2-Tetrachloroethane	11	U J
108-88-3	Toluene	11	U J
108-90-7	Chlorobenzene	11	U J
100-41-4	Ethylbenzene	11	U J
100-42-5	Styrene	11	U J
1330-20-7	Xylene (total)	11	U J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610392

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0826BH10

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. .7 Date Analyzed: 08/26/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X109

L Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610393

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 11 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	UJ
75-01-4	Vinyl Chloride	11	UJ
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	11	UJ
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	11	UJ
75-35-4	1,1-Dichloroethene	11	UJ
75-34-3	1,1-Dichloroethane	11	UJ
540-59-0	1,2-Dichloroethene (total)	11	UJ
67-66-3	Chloroform	11	UJ
107-06-2	1,2-Dichloroethane	11	UJ
78-93-3	2-Butanone	11	UJ
71-55-6	1,1,1-Trichloroethane	11	J
56-23-5	Carbon Tetrachloride	11	UJ
75-27-4	Bromodichloromethane	11	UJ
78-87-5	1,2-Dichloropropane	11	UJ
10061-01-5	cis-1,3-Dichloropropene	11	UJ
79-01-6	Trichloroethene	11	UJ
124-48-1	Dibromochloromethane	11	UJ
79-00-5	1,1,2-Trichloroethane	11	UJ
71-43-2	Benzene	11	UJ
10061-02-6	trans-1,3-Dichloropropene	11	UJ
75-25-2	Bromoform	11	UJ
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X109

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610393

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 11 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X110

1 Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610394

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH05

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 6 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	UJ
75-01-4	Vinyl Chloride	11	UJ
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	11	UJ
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	11	UJ
75-35-4	1,1-Dichloroethene	11	UJ
75-34-3	1,1-Dichloroethane	11	UJ
540-59-0	1,2-Dichloroethene (total)	11	UJ
67-66-3	Chloroform	11	UJ
107-06-2	1,2-Dichloroethane	11	UJ
78-93-3	2-Butanone	11	UJ
71-55-6	1,1,1-Trichloroethane	19	J
56-23-5	Carbon Tetrachloride	11	UJ
75-27-4	Bromodichloromethane	11	UJ
78-87-5	1,2-Dichloropropane	11	UJ
10061-01-5	cis-1,3-Dichloropropene	11	UJ
79-01-6	Trichloroethene	11	UJ
124-48-1	Dibromochloromethane	11	UJ
79-00-5	1,1,2-Trichloroethane	11	UJ
71-43-2	Benzene	11	UJ
10061-02-6	trans-1,3-Dichloropropene	11	UJ
75-25-2	Bromoform	11	UJ
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	11	UJ
79-34-5	1,1,2,2-Tetrachloroethane	11	UJ
108-88-3	Toluene	11	UJ
108-90-7	Chlorobenzene	11	UJ
100-41-4	Ethylbenzene	11	UJ
100-42-5	Styrene	11	UJ
1330-20-7	Xylene (total)	11	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610394

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH05

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 6 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X111

L Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610395

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH11

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 8 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	UJ
75-01-4	Vinyl Chloride	11	UJ
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	11	UJ
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	11	UJ
75-35-4	1,1-Dichloroethene	11	UJ
75-34-3	1,1-Dichloroethane	11	UJ
540-59-0	1,2-Dichloroethene (total)	11	UJ
67-66-3	Chloroform	11	UJ
107-06-2	1,2-Dichloroethane	11	UJ
78-93-3	2-Butanone	11	UJ
71-55-6	1,1,1-Trichloroethane	11	UJ
56-23-5	Carbon Tetrachloride	11	UJ
75-27-4	Bromodichloromethane	11	UJ
78-87-5	1,2-Dichloropropane	11	UJ
10061-01-5	cis-1,3-Dichloropropene	11	UJ
79-01-6	Trichloroethene	11	UJ
124-48-1	Dibromochloromethane	11	UJ
79-00-5	1,1,2-Trichloroethane	11	UJ
71-43-2	Benzene	11	UJ
10061-02-6	trans-1,3-Dichloropropene	11	UJ
75-25-2	Bromoform	11	UJ
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	11	UJ
79-34-5	1,1,2,2-Tetrachloroethane	11	UJ
108-88-3	Toluene	11	UJ
108-90-7	Chlorobenzene	11	UJ
100-41-4	Ethylbenzene	11	UJ
100-42-5	Styrene	11	UJ
1330-20-7	Xylene (total)	11	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X111

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610395

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH11

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 8 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610396

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 12 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X112

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610396

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 12 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113

1 Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610397

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 11 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	UJ
75-01-4	Vinyl Chloride	11	UJ
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	11	UJ
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	11	UJ
75-35-4	1,1-Dichloroethene	11	UJ
75-34-3	1,1-Dichloroethane	11	UJ
540-59-0	1,2-Dichloroethene (total)	11	UJ
67-66-3	Chloroform	11	UJ
107-06-2	1,2-Dichloroethane	11	UJ
78-93-3	2-Butanone	11	UJ
71-55-6	1,1,1-Trichloroethane	6	J
56-23-5	Carbon Tetrachloride	11	UJ
75-27-4	Bromodichloromethane	11	UJ
78-87-5	1,2-Dichloropropane	11	UJ
10061-01-5	cis-1,3-Dichloropropene	11	UJ
79-01-6	Trichloroethene	11	UJ
124-48-1	Dibromochloromethane	11	UJ
79-00-5	1,1,2-Trichloroethane	11	UJ
71-43-2	Benzene	11	UJ
10061-02-6	trans-1,3-Dichloropropene	11	UJ
75-25-2	Bromoform	11	UJ
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	11	UJ
79-34-5	1,1,2,2-Tetrachloroethane	11	UJ
108-88-3	Toluene	11	UJ
108-90-7	Chlorobenzene	11	UJ
100-41-4	Ethylbenzene	11	UJ
100-42-5	Styrene	11	UJ
1330-20-7	Xylene (total)	11	UJ

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X113

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610397

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 11 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

L Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610398

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH09

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 7 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	UJ
74-83-9	Bromomethane	11	UJ
75-01-4	Vinyl Chloride	11	UJ
75-00-3	Chloroethane	11	UJ
75-09-2	Methylene Chloride	11	UJ
67-64-1	Acetone	11	UJ
75-15-0	Carbon Disulfide	11	UJ
75-35-4	1,1-Dichloroethene	11	UJ
75-34-3	1,1-Dichloroethane	11	UJ
540-59-0	1,2-Dichloroethene (total)	11	UJ
67-66-3	Chloroform	11	UJ
107-06-2	1,2-Dichloroethane	11	UJ
78-93-3	2-Butanone	11	UJ
71-55-6	1,1,1-Trichloroethane	8	J
56-23-5	Carbon Tetrachloride	11	UJ
75-27-4	Bromodichloromethane	11	UJ
78-87-5	1,2-Dichloropropane	11	UJ
10061-01-5	cis-1,3-Dichloropropene	11	UJ
79-01-6	Trichloroethene	11	UJ
124-48-1	Dibromochloromethane	11	UJ
79-00-5	1,1,2-Trichloroethane	11	UJ
71-43-2	Benzene	11	UJ
10061-02-6	trans-1,3-Dichloropropene	11	UJ
75-25-2	Bromoform	11	UJ
108-10-1	4-Methyl-2-Pentanone	11	UJ
591-78-6	2-Hexanone	11	UJ
127-18-4	Tetrachloroethene	11	UJ
79-34-5	1,1,2,2-Tetrachloroethane	11	UJ
108-88-3	Toluene	11	UJ
108-90-7	Chlorobenzene	11	UJ
100-41-4	Ethylbenzene	11	UJ
100-42-5	Styrene	11	UJ
1330-20-7	Xylene (total)	11	UJ

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X114

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610398

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH09

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 7 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610399

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH10

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 13 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X115

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610399

Sample wt/vol: 5.0 (g/mL) G Lab File ID: C0827BH10

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: not dec. 13 Date Analyzed: 08/27/96

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610381

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0903E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/23/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610381

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0903E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/23/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.8

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

CAS NO.	COMPOUND	UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U J
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	25	U R
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U J
118-74-1	Hexachlorobenzene	10	U J
87-86-5	Pentachlorophenol	25	U J
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U J
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G101

I ` Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610381

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0903E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/23/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.8

Number TICs found: 15

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 123-42-2	2PENTANONE, 4HYDROXY-4METHYL	8.30	6	JNBAU
2.	UNKNOWN	8.72	10	BJ
3.	UNKNOWN ALIP. ALCOHOL	9.40	4	BJ
4.	UNKNOWN	9.62	36	J
5.	UNKNOWN	10.70	43	BJ
6.	UNKNOWN	13.94	5	J
7.	UNKNOWN	14.49	11	BJ
8. 105-60-2	CAPROLACTAM	16.32	180	JN
9.	UNKNOWN ALIP. HYDROCARBON	18.52	5	J
10.	UNKNOWN	19.27	3	BJ
11.	UNKNOWN	20.35	5	J
12.	UNKNOWN	22.14	3	J
13.	UNKNOWN ALIP. ACID	25.04	7	BJ
14.	UNKNOWN	27.09	4	J
15.	UNKNOWN	28.72	7	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610382

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0903E05

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/23/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U J
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U J
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

b Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610382

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0903E05

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/23/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	UJ
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	25	UR
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	UJ
118-74-1	Hexachlorobenzene	10	UJ
87-86-5	Pentachlorophenol	25	UJ
85-01-8	Phenanthrene	4	J
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	5	J
129-00-0	Pyrene	4	J
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	UJ
56-55-3	Benzo(a)Anthracene	2	J
218-01-9	Chrysene	2	J
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610382

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0903E05

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/23/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.8

Number TICs found: 16

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 123-42-2	2PENTANONE, 4HYDROXY-4METHYL	8.32	7	JNBAU
2.	UNKNOWN	8.75	10	BJ
3.	UNKNOWN ALIP. ALCOHOL	9.42	6	BJ
4.	UNKNOWN	10.72	45	BJ
5.	UNKNOWN	13.84	3	J
6.	UNKNOWN	14.50	9	BJ
7. 10292-98-5	BICYCLO[2.2.1]HEPTAN-2-ONE,	14.79	5	JN
8.	UNKNOWN	14.85	3	J
9.	UNKNOWN	15.89	2	J
10.	CAPROLACTAM ISOMER	16.10	10	J
11.	CAPROLACTAM ISOMER	16.32	130	J
12.	UNKNOWN	19.30	3	J
13.	UNKNOWN PHENOL	19.99	3	J
14.	UNKNOWN	20.39	2	J
15.	UNKNOWN	25.07	4	BJ
16.	UNKNOWN	28.84	5	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610384

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0903E07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/23/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.2

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U J
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U J
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610384

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0903E07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/23/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.2

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	UJ
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	25	UR
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	UJ
118-74-1	Hexachlorobenzene	10	UJ
87-86-5	Pentachlorophenol	25	UJ
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	3	J
206-44-0	Fluoranthene	3	J
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	UJ
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G104

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610384

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B0903E07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: _____ decanted: (Y/N) ___ Date Extracted: 08/23/96

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.2

Number TICs found: 27

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 123-42-2	2PENTANONE, 4HYDROXY-4METHYL	8.34	7	JNBAU
2.	UNKNOWN	8.77	11	BJ
3.	UNKNOWN TRICHLORO PROPENE	9.07	2	BJ
4.	UNKNOWN ALIP. ALCOHOL	9.44	4	BJ
5.	UNKNOWN	10.74	42	BJ
6.	UNKNOWN	13.97	10	J
7.	UNKNOWN	14.52	11	BJ
8.	UNKNOWN	15.90	13	J
9.	UNKNOWN	18.57	8	J
10.	UNKNOWN	19.30	3	BJ
11.	UNKNOWN	19.99	3	J
12.	UNKNOWN	20.45	8	J
13.	UNKNOWN	22.07	5	J
14.	UNKNOWN	22.90	4	J
15.	UNKNOWN	23.25	9	J
16.	UNKNOWN	24.05	3	J
17.	UNKNOWN	24.27	14	J
18.	UNKNOWN	24.60	7	J
19.	UNKNOWN	24.97	8	J
20.	UNKNOWN ALIP. ACID	25.16	31	BJ
21.	UNKNOWN	27.01	12	J
22.	UNKNOWN	27.17	12	J
23.	UNKNOWN	27.47	3	J
24.	UNKNOWN	27.59	2	J
25.	UNKNOWN	28.86	6	J
26.	UNKNOWN	30.17	7	J
[illegible]	UNKNOWN	34.02	34	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610386

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 29 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	460	U
111-44-4	bis(2-Chloroethyl)Ether	460	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	460	U
106-46-7	1,4-Dichlorobenzene	460	U
95-50-1	1,2-Dichlorobenzene	460	U
95-48-7	2-Methylphenol	460	U
108-60-1	2,2'-oxybis(1-Chloropropane)	460	U
106-44-5	4-Methylphenol	460	U
621-64-7	N-Nitroso-Di-n-Propylamine	460	U
621-64-7	N-Nitroso-Di-n-Propylamine	460	U
67-72-1	Hexachloroethane	460	U
98-95-3	Nitrobenzene	460	U
78-59-1	Isophorone	460	U
88-75-5	2-Nitrophenol	460	U
105-67-9	2,4-Dimethylphenol	460	U
111-91-1	bis(2-Chloroethoxy)Methane	460	U
120-83-2	2,4-Dichlorophenol	460	U
120-82-1	1,2,4-Trichlorobenzene	460	U
91-20-3	Naphthalene	460	U
106-47-8	4-Chloroaniline	460	U
87-68-3	Hexachlorobutadiene	460	U
59-50-7	4-Chloro-3-Methylphenol	460	U
91-57-6	2-Methylnaphthalene	460	U
77-47-4	Hexachlorocyclopentadiene	460	U
88-06-2	2,4,6-Trichlorophenol	460	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	460	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	460	U
208-96-8	Acenaphthylene	460	U
606-20-2	2,6-Dinitrotoluene	460	U
99-09-2	3-Nitroaniline	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610386

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 29 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	460	U
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	460	U
121-14-2	2,4-Dinitrotoluene	460	U
84-66-2	Diethylphthalate	460	U
7005-72-3	4-Chlorophenyl-phenylether	460	U
86-73-7	Fluorene	460	U
100-10-6	4-Nitroaniline	1100	U J
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine (1)	460	U
101-55-3	4-Bromophenyl-phenylether	460	U J
118-74-1	Hexachlorobenzene	460	U J
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	160	J
120-12-7	Anthracene	460	U
86-74-8	Carbazole	460	U
84-74-2	Di-n-Butylphthalate	730	~~B~~ U
206-44-0	Fluoranthene	420	J
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	460	U
91-94-1	3,3'-Dichlorobenzidine	460	U
56-55-3	Benzo(a)Anthracene	240	J
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)Phthalate	460	U
117-84-0	Di-n-Octyl Phthalate	460	U
205-99-2	Benzo(b)Fluoranthene	370	J
207-08-9	Benzo(k)Fluoranthene	460	U
50-32-8	Benzo(a)Pyrene	200	J
193-39-5	Indeno(1,2,3-cd)Pyrene	150	J
53-70-3	Dibenz(a,h)Anthracene	460	U
191-24-2	Benzo(g,h,i)Perylene	460	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610386

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 29 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.28	1100	BAJ
2.	UNKNOWN	7.73	5100	BJ
3.	UNKNOWN ALIP. HYDROCARBON	7.88	880	BJ
4.	UNKNOWN ALIP. HYDROCARBON	8.03	480	BJ
5.	UNKNOWN	8.50	45000	BJ
6.	UNKNOWN	8.77	640	BJ
7.	UNKNOWN	10.00	2700	BJ
8.	UNKNOWN	11.45	300	J
9.	UNKNOWN ALIP. ALCOHOL	19.30	1600	J
10.	UNKNOWN PHTHALATE	24.24	240	BJ
11.	UNKNOWN	28.39	450	J
12.	UNKNOWN ALIP. ACID ESTER	29.34	990	BJ
13.	UNKNOWN	29.62	460	J
14.	UNKNOWN	30.16	3000	J
15.	UNKNOWN	30.32	220	J
16.	UNKNOWN	31.19	600	J
17.	UNKNOWN	31.51	390	J
18.	UNKNOWN	31.82	240	J
19.	UNKNOWN ALIP. HYDROCARBON	32.14	1300	J
20.	UNKNOWN	32.22	1200	J
21.	UNKNOWN	32.39	260	J
22.	UNKNOWN	33.06	440	J
23.	UNKNOWN	33.37	310	J
24.	UNKNOWN	33.54	390	J
25.	UNKNOWN	34.01	2200	J
26.	UNKNOWN ALIP. HYDROCARBON	34.84	2000	J
27.	UNKNOWN	34.97	2200	J
28.	UNKNOWN PNA	35.99	300	J
29.	UNKNOWN	37.52	420	J
30.	UNKNOWN ALIP. HYDROCARBON	38.66	1700	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610387

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E06

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 21 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 1.4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2100	U
111-44-4	bis(2-Chloroethyl)Ether	2100	U
95-57-8	2-Chlorophenol	2100	U
541-73-1	1,3-Dichlorobenzene	2100	U
106-46-7	1,4-Dichlorobenzene	2100	U
95-50-1	1,2-Dichlorobenzene	2100	U
95-48-7	2-Methylphenol	2100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	2100	U
106-44-5	4-Methylphenol	2100	U
621-64-7	N-Nitroso-Di-n-Propylamine	2100	U
621-64-7	N-Nitroso-Di-n-Propylamine	2100	U
67-72-1	Hexachloroethane	2100	U
98-95-3	Nitrobenzene	2100	U
78-59-1	Isophorone	2100	U
88-75-5	2-Nitrophenol	2100	U
105-67-9	2,4-Dimethylphenol	2100	U
111-91-1	bis(2-Chloroethoxy)Methane	2100	U
120-83-2	2,4-Dichlorophenol	2100	U
120-82-1	1,2,4-Trichlorobenzene	2100	U
91-20-3	Naphthalene	2100	U
106-47-8	4-Chloroaniline	2100	U J
87-68-3	Hexachlorobutadiene	2100	U J
59-50-7	4-Chloro-3-Methylphenol	2100	U
91-57-6	2-Methylnaphthalene	2100	U
77-47-4	Hexachlorocyclopentadiene	2100	U
88-06-2	2,4,6-Trichlorophenol	2100	U
95-95-4	2,4,5-Trichlorophenol	5000	U
91-58-7	2-Chloronaphthalene	2100	U
88-74-4	2-Nitroaniline	5000	U
131-11-3	Dimethylphthalate	2100	U
208-96-8	Acenaphthylene	2100	U
606-20-2	2,6-Dinitrotoluene	2100	U
99-09-2	3-Nitroaniline	5000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610387

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E06

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 21 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 1.4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	2100	U
51-28-5	2,4-Dinitrophenol	5000	U
100-02-7	4-Nitrophenol	5000	UR
132-64-9	Dibenzofuran	2100	U
121-14-2	2,4-Dinitrotoluene	2100	U
84-66-2	Diethylphthalate	2100	U
7005-72-3	4-Chlorophenyl-phenylether	2100	U
86-73-7	Fluorene	2100	U
100-10-6	4-Nitroaniline	5000	UR
534-52-1	4,6-Dinitro-2-methylphenol	5000	U
86-30-6	N-Nitrosodiphenylamine (1)	2100	U
101-55-3	4-Bromophenyl-phenylether	2100	UJ
118-74-1	Hexachlorobenzene	2100	UJ
87-86-5	Pentachlorophenol	5000	U
85-01-8	Phenanthrene	3400	
120-12-7	Anthracene	470	J
86-74-8	Carbazole	2100	U
84-74-2	Di-n-Butylphthalate	2100 ~~500~~	~~B~~JU
206-44-0	Fluoranthene	5700	
129-00-0	Pyrene	3600	
85-68-7	Butylbenzylphthalate	2100	U
91-94-1	3,3'-Dichlorobenzidine	2100	UJ
56-55-3	Benzo(a)Anthracene	3000	
218-01-9	Chrysene	4200	
117-81-7	bis(2-Ethylhexyl)Phthalate	2100	U
117-84-0	Di-n-Octyl Phthalate	2100	U
205-99-2	Benzo(b)Fluoranthene	4000	
207-08-9	Benzo(k)Fluoranthene	3600	
50-32-8	Benzo(a)Pyrene	2700	
193-39-5	Indeno(1,2,3-cd)Pyrene	2100	J
53-70-3	Dibenz(a,h)Anthracene	2100	U
191-24-2	Benzo(g,h,i)Perylene	2100	UJ

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610387

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E06

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 21 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 1.4

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.25	34000	BAJ
2. 123-42-2	2PENTANONE, 4HYDROXY-4METHYL	8.32	54000	JNBA
3.	UNKNOWN ALIP. ALCOHOL	19.30	1900	J
4.	UNKNOWN	20.35	2000	J
5.	UNKNOWN ALIP. HYDROCARBON	22.20	2200	BJ
6.	UNKNOWN	23.42	720	J
7.	UNKNOWN	25.04	3600	BJ
8.	UNKNOWN PNA	25.32	2000	J
9.	UNKNOWN AROMATIC KETONE	25.89	1200	J
10.	UNKNOWN	28.12	1200	J
11.	UNKNOWN PNA	28.41	2400	J
12.	UNKNOWN	28.69	1000	J
13.	UNKNOWN ALIP. ACID ESTER	29.32	1300	BJ
14.	UNKNOWN	29.79	1600	J
15.	UNKNOWN	29.84	1800	J
16.	UNKNOWN	30.07	1600	J
17.	UNKNOWN	30.14	2400	J
18.	UNKNOWN	30.21	1100	J
19.	UNKNOWN	30.34	1400	J
20.	UNKNOWN	31.09	1100	J
21.	UNKNOWN	31.71	910	J
22.	UNKNOWN	32.07	1500	J
23.	UNKNOWN	32.14	2200	J
24.	UNKNOWN	32.57	930	J
25.	UNKNOWN	33.17	740	J
26.	UNKNOWN	33.36	740	J
27.	UNKNOWN	34.81	9800	J
28.	UNKNOWN	35.19	1400	J
29.	UNKNOWN PNA	36.01	5500	J
30.	UNKNOWN	36.17	3900	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610388

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

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

CAS NO.	COMPOUND		Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	UJ
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	900	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	900	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610388

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	900	U
100-02-7	4-Nitrophenol	900	UJ
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	370	U
100-10-6	4-Nitroaniline	900	UR
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	UJ
118-74-1	Hexachlorobenzene	370	UJ
87-86-5	Pentachlorophenol	900	U
85-01-8	Phenanthrene	95	J
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-Butylphthalate	500	BU
206-44-0	Fluoranthene	120	J
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	UJ
56-55-3	Benzo(a)Anthracene	370	U
218-01-9	Chrysene	85	J
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	370	U
207-08-9	Benzo(k)Fluoranthene	370	U
50-32-8	Benzo(a)Pyrene	170	J
193-39-5	Indeno(1,2,3-cd)Pyrene	370	U
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	730	

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610388

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.25	1600	BAJ
2.	UNKNOWN	7.72	1400	BJ
3.	UNKNOWN	8.44	28000	BJ
4.	UNKNOWN	8.74	560	BJ
5.	UNKNOWN	9.99	630	BJ
6.	UNKNOWN ALIP. HYDROCARBON	13.52	420	J
7.	UNKNOWN ALIP. HYDROCARBON	15.42	540	J
8.	UNKNOWN	15.79	240	J
9.	UNKNOWN ALIP. HYDROCARBON	16.35	450	J
10.	UNKNOWN	17.90	300	J
11.	UNKNOWN ALIP. HYDROCARBON	18.22	740	J
12.	UNKNOWN ALIP. HYDROCARBON	19.09	600	J
13.	UNKNOWN ALIP. HYDROCARBON	19.59	770	J
14.	UNKNOWN ALIP. HYDROCARBON	20.89	550	J
15.	UNKNOWN ALIP. HYDROCARBON	21.50	520	J
16.	UNKNOWN ALIP. HYDROCARBON	22.12	760	BJ
17.	UNKNOWN ALIP. HYDROCARBON	22.19	1400	BJ
18.	UNKNOWN ALIP. HYDROCARBON	23.29	600	J
19.	UNKNOWN ALIP. HYDROCARBON	23.40	730	J
20.	UNKNOWN ALIP. HYDROCARBON	24.39	670	J
21.	UNKNOWN	25.04	220	J
22.	UNKNOWN ALIP. HYDROCARBON	25.46	470	J
23.	UNKNOWN ALIP. HYDROCARBON	26.47	480	J
24.	UNKNOWN ALIP. HYDROCARBON	27.44	510	J
25.	UNKNOWN PNA	27.94	660	J
26.	UNKNOWN	28.37	530	J
27.	UNKNOWN ALIP. ACID ESTER	29.32	6100	BJ
28.	UNKNOWN	30.14	720	J
29.	UNKNOWN	31.07	530	J
30.	UNKNOWN ALIP. HYDROCARBON	32.14	740	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610390

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 4 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)Ether	340	U
95-57-8	2-Chlorophenol	340	U
541-73-1	1,3-Dichlorobenzene	340	U
106-46-7	1,4-Dichlorobenzene	340	U
95-50-1	1,2-Dichlorobenzene	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	2,2'-oxybis(1-Chloropropane)	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-Di-n-Propylamine	340	U
621-64-7	N-Nitroso-Di-n-Propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U
111-91-1	bis(2-Chloroethoxy)Methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	93	J
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U J
59-50-7	4-Chloro-3-Methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	830	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	340	U
208-96-8	Acenaphthylene	340	U
606-20-2	2,6-Dinitrotoluene	340	U
99-09-2	3-Nitroaniline	830	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610390

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 4 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	640	
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	UJ
132-64-9	Dibenzofuran	230	J
121-14-2	2,4-Dinitrotoluene	340	U
84-66-2	Diethylphthalate	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
86-73-7	Fluorene	570	
100-10-6	4-Nitroaniline	830	UR
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenyl-phenylether	340	UJ
118-74-1	Hexachlorobenzene	340	UJ
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	3700	E
120-12-7	Anthracene	1100	
86-74-8	Carbazole	840	
84-74-2	Di-n-Butylphthalate	930 ~~460~~	RU
206-44-0	Fluoranthene	5700	E
129-00-0	Pyrene	4400	E
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	340	UJ
56-55-3	Benzo(a)Anthracene	4300	E
218-01-9	Chrysene	4400	E
117-81-7	bis(2-Ethylhexyl)Phthalate	340	U
117-84-0	Di-n-Octyl Phthalate	340	U
205-99-2	Benzo(b)Fluoranthene	6400	E
207-08-9	Benzo(k)Fluoranthene	4300	E
50-32-8	Benzo(a)Pyrene	6300	E
193-39-5	Indeno(1,2,3-cd)Pyrene	3100	E
53-70-3	Dibenz(a,h)Anthracene	340	U
191-24-2	Benzo(g,h,i)Perylene	1500	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610390

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 4 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.5

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.28	1300	BAJ
2.	UNKNOWN	8.42	17000	BJ
3.	UNKNOWN PNA	25.37	2400	J
4.	UNKNOWN PNA	27.84	660	J
5.	UNKNOWN PNA	27.96	960	J
6.	UNKNOWN PNA	28.16	1200	J
7.	UNKNOWN PNA	28.44	2900	J
8.	UNKNOWN PNA	28.61	2100	J
9.	UNKNOWN	28.72	1500	J
10.	UNKNOWN PNA	28.97	560	J
11.	UNKNOWN	29.04	600	J
12.	UNKNOWN ALIP. ACID ESTER	29.36	520	BJ
13.	UNKNOWN PNA	29.57	650	J
14.	UNKNOWN AROMATIC KETONE	29.81	820	J
15.	UNKNOWN PNA	30.09	1600	J
16.	UNKNOWN PNA	30.17	1400	J
17.	UNKNOWN	30.26	1800	J
18.	UNKNOWN AROMATIC KETONE	30.37	820	J
19.	UNKNOWN PNA	30.54	620	J
20.	UNKNOWN PNA	31.19	3600	J
21.	UNKNOWN	31.36	740	J
22.	UNKNOWN	31.52	770	J
23.	UNKNOWN PNA	32.09	1200	J
24.	UNKNOWN PNA	32.24	510	J
25.	UNKNOWN	32.49	650	J
26.	UNKNOWN	32.61	870	J
27.	UNKNOWN	32.69	720	J
28.	UNKNOWN PNA	35.22	2700	J
29.	UNKNOWN PNA	36.07	9000	J
30.	UNKNOWN PNA	36.72	3100	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105DL

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610390

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 4 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1700	U
111-44-4	bis(2-Chloroethyl)Ether	1700	U
95-57-8	2-Chlorophenol	1700	U
541-73-1	1,3-Dichlorobenzene	1700	U
106-46-7	1,4-Dichlorobenzene	1700	U
95-50-1	1,2-Dichlorobenzene	1700	U
95-48-7	2-Methylphenol	1700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1700	U
106-44-5	4-Methylphenol	1700	U
621-64-7	N-Nitroso-Di-n-Propylamine	1700	U
621-64-7	N-Nitroso-Di-n-Propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
88-75-5	2-Nitrophenol	1700	U
105-67-9	2,4-Dimethylphenol	1700	U
111-91-1	bis(2-Chloroethoxy)Methane	1700	U
120-83-2	2,4-Dichlorophenol	1700	U
120-82-1	1,2,4-Trichlorobenzene	1700	U
91-20-3	Naphthalene	1700	U
106-47-8	4-Chloroaniline	1700	U J
87-68-3	Hexachlorobutadiene	1700	U J
59-50-7	4-Chloro-3-Methylphenol	1700	U
91-57-6	2-Methylnaphthalene	1700	U
77-47-4	Hexachlorocyclopentadiene	1700	U
88-06-2	2,4,6-Trichlorophenol	1700	U
95-95-4	2,4,5-Trichlorophenol	4100	U
91-58-7	2-Chloronaphthalene	1700	U
88-74-4	2-Nitroaniline	4100	U
131-11-3	Dimethylphthalate	1700	U
208-96-8	Acenaphthylene	1700	U
606-20-2	2,6-Dinitrotoluene	1700	U
99-09-2	3-Nitroaniline	4100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105DL

L Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610390

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 4 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	630	J
51-28-5	2,4-Dinitrophenol	4100	U
100-02-7	4-Nitrophenol	4100	UR
132-64-9	Dibenzofuran	1700	U
121-14-2	2,4-Dinitrotoluene	1700	U
84-66-2	Diethylphthalate	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U
86-73-7	Fluorene	560	J
100-10-6	4-Nitroaniline	4100	UR
534-52-1	4,6-Dinitro-2-methylphenol	4100	U
86-30-6	N-Nitrosodiphenylamine (1)	1700	U
101-55-3	4-Bromophenyl-phenylether	1700	UJ
118-74-1	Hexachlorobenzene	1700	UJ
87-86-5	Pentachlorophenol	4100	U
85-01-8	Phenanthrene	4900	
120-12-7	Anthracene	1200	J
86-74-8	Carbazole	860	J
84-74-2	Di-n-Butylphthalate	4100 ~~430~~	RJU
206-44-0	Fluoranthene	9800	
129-00-0	Pyrene	8200	
85-68-7	Butylbenzylphthalate	1700	U
91-94-1	3,3'-Dichlorobenzidine	1700	UJ
56-55-3	Benzo(a)Anthracene	5900	
218-01-9	Chrysene	6500	
117-81-7	bis(2-Ethylhexyl)Phthalate	1700	U
117-84-0	Di-n-Octyl Phthalate	1700	U
205-99-2	Benzo(b)Fluoranthene	6000	
207-08-9	Benzo(k)Fluoranthene	3800	
50-32-8	Benzo(a)Pyrene	5900	
193-39-5	Indeno(1,2,3-cd)Pyrene	4200	J
53-70-3	Dibenz(a,h)Anthracene	1100	J
191-24-2	Benzo(g,h,i)Perylene	2600	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105DL

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610390

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E04

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 4 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.5

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 123-42-2	2PENTANONE, 4HYDROXY-4METHYL	8.32	38000	JNBA
2.	UNKNOWN	8.74	640	BJ
3.	UNKNOWN PNA	25.04	610	J
4.	UNKNOWN PNA	25.12	690	J
5.	UNKNOWN PNA	25.36	2300	J
6.	UNKNOWN PNA	25.81	590	J
7.	UNKNOWN AROMATIC KETONE	25.91	590	J
8.	UNKNOWN	27.34	470	J
9.	UNKNOWN PNA	27.84	940	J
10.	UNKNOWN PNA	28.12	1400	J
11.	UNKNOWN PNA	28.42	3500	J
12.	UNKNOWN PNA	28.57	2400	J
13.	UNKNOWN	28.71	1700	J
14.	UNKNOWN PNA	28.96	700	J
15.	UNKNOWN	29.04	740	J
16.	UNKNOWN ALIP. ACID ESTER	29.34	590	BJ
17.	UNKNOWN PNA	29.56	800	J
18.	UNKNOWN AROMATIC KETONE	29.81	990	J
19.	UNKNOWN PNA	30.09	2100	J
20.	UNKNOWN	30.16	1700	J
21.	UNKNOWN PNA	30.22	2100	J
22.	UNKNOWN	30.52	710	J
23.	UNKNOWN PNA	31.14	3800	J
24.	UNKNOWN	31.52	840	J
25.	UNKNOWN	32.59	1100	J
26.	UNKNOWN	32.66	690	J
27.	UNKNOWN	34.07	1000	J
28.	UNKNOWN PNA	35.19	2400	J
29.	UNKNOWN PNA	36.01	8200	J
30.	UNKNOWN PNA	36.69	3300	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610391

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0903E12

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
541-73-1	1,3-Dichlorobenzene	390	U
106-46-7	1,4-Dichlorobenzene	390	U
95-50-1	1,2-Dichlorobenzene	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
621-64-7	N-Nitroso-Di-n-Propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)Methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
120-82-1	1,2,4-Trichlorobenzene	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	UJ
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	UJ
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	950	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610391

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0903E12

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	950	U
100-02-7	4-Nitrophenol	950	U J
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-10-6	4-Nitroaniline	950	U R
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U J
118-74-1	Hexachlorobenzene	390	U J
87-86-5	Pentachlorophenol	950	U J
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-Butylphthalate	580	BU
206-44-0	Fluoranthene	160	J
129-00-0	Pyrene	83	J
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U J
56-55-3	Benzo(a)Anthracene	92	J
218-01-9	Chrysene	110	J
117-81-7	bis(2-Ethylhexyl)Phthalate	390	U
117-84-0	Di-n-Octyl Phthalate	390	U
205-99-2	Benzo(b)Fluoranthene	390	U
207-08-9	Benzo(k)Fluoranthene	390	U
50-32-8	Benzo(a)Pyrene	390	U
193-39-5	Indeno(1,2,3-cd)Pyrene	390	U
53-70-3	Dibenz(a,h)Anthracene	390	U
191-24-2	Benzo(g,h,i)Perylene	390	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X107

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610391

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0903E12

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 16 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/03/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 4.5

Number TICs found: 28

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.30	1800	BAJ
2.	UNKNOWN	7.77	410	BJ
3.	UNKNOWN	8.45	20000	BJ
4.	UNKNOWN	8.77	700	BJ
5.	UNKNOWN ALIP. ALCOHOL	9.44	190	BJ
6.	UNKNOWN ALIP. KETONE	10.40	270	BAJ
7.	UNKNOWN ALIP. HYDROCARBON	22.24	160	BJ
8.	UNKNOWN ALIP. HYDROCARBON	23.32	100	J
9.	UNKNOWN ALIP. HYDROCARBON	23.44	150	J
10.	UNKNOWN PHTHALATE	24.24	160	BJ
11.	UNKNOWN	28.41	79	J
12.	UNKNOWN PCB	28.54	130	J
13.	UNKNOWN PCB	29.01	130	J
14.	UNKNOWN ALIP. ACID ESTER	29.36	700	BJ
15.	UNKNOWN PCB	29.59	140	J
16.	UNKNOWN PCB	29.92	110	J
17.	UNKNOWN	30.17	160	J
18.	UNKNOWN PCB	30.99	210	J
19.	UNKNOWN	31.76	110	J
20.	UNKNOWN	32.16	190	J
21.	UNKNOWN	32.47	100	J
22.	UNKNOWN	34.17	92	J
23.	UNKNOWN	34.84	220	J
24.	UNKNOWN	35.37	170	J
25.	UNKNOWN	36.69	91	J
26.	UNKNOWN	38.27	210	J
7.	UNKNOWN	39.87	87	J
28.	UNKNOWN	41.99	160	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610392

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E03

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 7 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)Ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)Methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U hr
87-68-3	Hexachlorobutadiene	350	U hr
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	860	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	860	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U
99-09-2	3-Nitroaniline	860	U J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610392

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E03

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 7 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	860	U
100-02-7	4-Nitrophenol	860	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-10-6	4-Nitroaniline	860	U J
534-52-1	4,6-Dinitro-2-methylphenol	860	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U J
118-74-1	Hexachlorobenzene	350	U J
87-86-5	Pentachlorophenol	860	U
85-01-8	Phenanthrene	410	J
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di-n-Butylphthalate	490	~~B~~ U
206-44-0	Fluoranthene	370	J
129-00-0	Pyrene	290	J
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo(a)Anthracene	210	J
218-01-9	Chrysene	360	J
117-81-7	bis(2-Ethylhexyl)Phthalate	350	U
117-84-0	Di-n-Octyl Phthalate	350	U
205-99-2	Benzo(b)Fluoranthene	260	J
207-08-9	Benzo(k)Fluoranthene	350	U
50-32-8	Benzo(a)Pyrene	110	J
193-39-5	Indeno(1,2,3-cd)Pyrene	350	U
53-70-3	Dibenz(a,h)Anthracene	350	U
191-24-2	Benzo(g,h,i)Perylene	350	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610392

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E03

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 7 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 5.8

Number TICs found: 29

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.30	1400	BAJ
2.	UNKNOWN	8.44	18000	BJ
3.	UNKNOWN	8.77	570	BJ
4.	UNKNOWN ALIP. HYDROCARBON	15.47	460	J
5.	UNKNOWN ALIP. HYDROCARBON	16.39	730	J
6.	UNKNOWN ALIP. HYDROCARBON	16.80	700	J
7.	UNKNOWN ALIP. HYDROCARBON	17.94	270	J
8.	UNKNOWN ALIP. HYDROCARBON	18.25	620	J
9.	UNKNOWN ALIP. HYDROCARBON	19.14	460	J
10.	UNKNOWN ALIP. HYDROCARBON	19.64	680	J
11.	UNKNOWN ALIP. HYDROCARBON	20.92	720	J
12.	UNKNOWN ALIP. HYDROCARBON	22.15	850	BJ
13.	UNKNOWN ALIP. HYDROCARBON	22.24	670	BJ
14.	UNKNOWN ALIP. HYDROCARBON	23.32	1000	J
15.	UNKNOWN	24.22	330	J
16.	UNKNOWN	24.44	940	J
17.	UNKNOWN PNA	25.06	400	J
18.	UNKNOWN PNA	25.12	440	J
19.	UNKNOWN PNA	25.36	740	J
20.	UNKNOWN	25.42	270	J
21.	UNKNOWN ALIP. HYDROCARBON	25.49	790	J
22.	UNKNOWN	25.91	180	J
23.	UNKNOWN ALIP. HYDROCARBON	26.51	730	J
24.	UNKNOWN PNA	26.62	230	J
25.	UNKNOWN ALIP. HYDROCARBON	27.47	860	J
26.	UNKNOWN	28.14	230	J
27.	UNKNOWN	28.42	820	J
28.	UNKNOWN	28.72	190	J
29.	UNKNOWN	29.31	1200	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X109

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610393

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E09

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	85	J
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	UJ
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	900	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	900	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X109

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610393

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E09

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	94	J
51-28-5	2,4-Dinitrophenol	900	U
100-02-7	4-Nitrophenol	900	UJ
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	110	J
100-10-6	4-Nitroaniline	900	UR
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	UJ
87-86-5	Pentachlorophenol	900	UJ
85-01-8	Phenanthrene	1400	
120-12-7	Anthracene	290	J
86-74-8	Carbazole	190	J
84-74-2	Di-n-Butylphthalate	1300	~~B~~U
206-44-0	Fluoranthene	2200	
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	UJ
56-55-3	Benzo(a)Anthracene	1500	
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)Phthalate	430	
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	1600	
207-08-9	Benzo(k)Fluoranthene	1400	
50-32-8	Benzo(a)Pyrene	1500	
193-39-5	Indeno(1,2,3-cd)Pyrene	650	
53-70-3	Dibenz(a,h)Anthracene	370	U
191-24-2	Benzo(g,h,i)Perylene	380	

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X109

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610393

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E09

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.28	1400	BAJ
2.	UNKNOWN	8.40	20000	BJ
3.	UNKNOWN	8.75	510	BJ
4.	UNKNOWN ALIP. HYDROCARBON	22.22	510	J
5.	UNKNOWN PHTHALATE	24.24	430	BJ
6.	UNKNOWN PNA	25.04	370	J
7.	UNKNOWN PNA	25.12	320	J
8.	UNKNOWN	25.36	730	J
9.	UNKNOWN PNA	28.14	580	J
10.	UNKNOWN PNA	28.42	1100	J
11.	UNKNOWN	28.59	380	J
12.	UNKNOWN	28.71	540	J
13.	UNKNOWN PNA	28.96	370	J
14.	UNKNOWN	29.04	310	J
15.	UNKNOWN ALIP. ACID ESTER	29.36	1500	BJ
16.	UNKNOWN AROMATIC KETONE	29.81	570	J
17.	UNKNOWN	29.99	440	J
18.	UNKNOWN	30.09	480	J
19.	UNKNOWN	30.17	1400	J
20.	UNKNOWN	30.24	510	J
21.	UNKNOWN AROMATIC KETONE	30.36	530	J
22.	UNKNOWN	31.14	420	J
23.	UNKNOWN	32.09	760	J
24.	UNKNOWN	32.16	1300	J
25.	UNKNOWN	32.59	520	J
26.	UNKNOWN	33.39	480	J
7.	UNKNOWN	34.02	460	J
28.	UNKNOWN ALIP. HYDROCARBON	34.86	7600	J
29.	UNKNOWN	35.02	320	J
30.	UNKNOWN PNA	35.21	640	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610394

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E12

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 6 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)Ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)Methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	78	J
106-47-8	4-Chloroaniline	350	UJ
87-68-3	Hexachlorobutadiene	350	UJ
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	100	J
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	850	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	850	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	120	J
606-20-2	2,6-Dinitrotoluene	350	U
99-09-2	3-Nitroaniline	850	UJ

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X110

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610394

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E12

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 6 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	850	U
100-02-7	4-Nitrophenol	850	U
132-64-9	Dibenzofuran	72	J
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-10-6	4-Nitroaniline	850	U J
534-52-1	4,6-Dinitro-2-methylphenol	850	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U J
118-74-1	Hexachlorobenzene	350	U J
87-86-5	Pentachlorophenol	850	U
85-01-8	Phenanthrene	750	J
120-12-7	Anthracene	150	J
86-74-8	Carbazole	110	J
84-74-2	Di-n-Butylphthalate	890	~~B~~ U
206-44-0	Fluoranthene	1300	J
129-00-0	Pyrene	770	J
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo(a)Anthracene	840	J
218-01-9	Chrysene	1000	J
117-81-7	bis(2-Ethylhexyl)Phthalate	310	J
117-84-0	Di-n-Octyl Phthalate	350	U
205-99-2	Benzo(b)Fluoranthene	1100	J
207-08-9	Benzo(k)Fluoranthene	760	J
50-32-8	Benzo(a)Pyrene	660	J
193-39-5	Indeno(1,2,3-cd)Pyrene	220	J
53-70-3	Dibenz(a,h)Anthracene	350	U
191-24-2	Benzo(g,h,i)Perylene	350	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610394

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E12

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 6 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.0

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.28	1700	BAJ
2.	UNKNOWN	8.44	17000	BJ
3.	UNKNOWN ALIP. HYDROCARBON	22.20	1300	BJ
4.	UNKNOWN ALIP. HYDROCARBON	26.47	360	J
5.	UNKNOWN	27.49	480	J
6.	UNKNOWN	27.82	160	J
7.	UNKNOWN PNA	27.94	690	J
8.	UNKNOWN PNA	28.12	350	J
9.	UNKNOWN	28.41	730	J
10.	UNKNOWN	28.69	290	J
11.	UNKNOWN PNA	28.94	290	J
12.	UNKNOWN	29.02	200	J
13.	UNKNOWN ALIP. ACID ESTER	29.34	1300	BJ
14.	UNKNOWN AROMATIC KETONE	29.77	570	J
15.	UNKNOWN	30.07	390	J
16.	UNKNOWN	30.16	950	J
17.	UNKNOWN	30.22	340	J
18.	UNKNOWN AROMATIC KETONE	30.34	420	J
19.	UNKNOWN	31.09	530	J
20.	UNKNOWN	31.51	160	J
21.	UNKNOWN	32.07	570	J
22.	UNKNOWN	32.16	680	J
23.	UNKNOWN	32.46	190	J
24.	UNKNOWN	32.57	210	J
25.	UNKNOWN	33.39	280	J
26.	UNKNOWN	34.02	170	J
27.	UNKNOWN	34.82	1800	J
28.	UNKNOWN	35.17	370	J
29.	UNKNOWN	35.59	130	J
30.	UNKNOWN PNA	36.01	1900	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X111

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610395

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E05

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 8 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
541-73-1	1,3-Dichlorobenzene	360	U
106-46-7	1,4-Dichlorobenzene	360	U
95-50-1	1,2-Dichlorobenzene	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
621-64-7	N-Nitroso-Di-n-Propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)Methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
120-82-1	1,2,4-Trichlorobenzene	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	UJ
87-68-3	Hexachlorobutadiene	360	UJ
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	870	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	870	U
131-11-3	Dimethylphthalate	170	J
208-96-8	Acenaphthylene	360	U
606-20-2	2,6-Dinitrotoluene	360	U
99-09-2	3-Nitroaniline	870	UJ

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X111

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610395

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E05

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 8 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	360	U
51-28-5	2,4-Dinitrophenol	870	U
100-02-7	4-Nitrophenol	870	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
86-73-7	Fluorene	360	U
100-10-6	4-Nitroaniline	870	UJ
534-52-1	4,6-Dinitro-2-methylphenol	870	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	UJ
118-74-1	Hexachlorobenzene	360	UJ
87-86-5	Pentachlorophenol	870	U
85-01-8	Phenanthrene	380	
120-12-7	Anthracene	88	J
86-74-8	Carbazole	360	U
84-74-2	Di-n-Butylphthalate	490	~~B~~U
206-44-0	Fluoranthene	710	
129-00-0	Pyrene	550	
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)Anthracene	470	
218-01-9	Chrysene	530	
117-81-7	bis(2-Ethylhexyl)Phthalate	360	U
117-84-0	Di-n-Octyl Phthalate	360	U
205-99-2	Benzo(b)Fluoranthene	430	
207-08-9	Benzo(k)Fluoranthene	280	J
50-32-8	Benzo(a)Pyrene	410	
193-39-5	Indeno(1,2,3-cd)Pyrene	350	J
53-70-3	Dibenz(a,h)Anthracene	140	J
191-24-2	Benzo(g,h,i)Perylene	290	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X111

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610395

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0905E05

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 8 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8

Number TICs found: 21

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.25	1300	BAJ
2.	UNKNOWN	7.72	230	BJ
3.	UNKNOWN	8.39	18000	BJ
4.	UNKNOWN	8.74	300	BJ
5.	UNKNOWN PHTHALATE	24.22	130	BJ
6.	UNKNOWN	25.32	220	J
7.	UNKNOWN	28.39	350	J
8.	UNKNOWN	28.67	160	J
9.	UNKNOWN ALIP. ACID ESTER	29.32	820	J
10.	UNKNOWN	30.06	240	J
11.	UNKNOWN	30.14	390	J
12.	UNKNOWN	31.07	140	J
13.	UNKNOWN	32.04	520	J
14.	UNKNOWN	32.14	630	J
15.	UNKNOWN	32.44	240	J
16.	UNKNOWN	33.36	270	J
17.	UNKNOWN	34.01	200	J
18.	UNKNOWN ALIP. HYDROCARBON	34.82	2700	J
19.	UNKNOWN	35.16	140	J
20.	UNKNOWN PNA	35.96	730	J
21.	UNKNOWN	38.66	870	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610396

Sample wt/vol: 30.0 (g/mL) G Lab File ID: B0905E10

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 12 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	200	J
106-47-8	4-Chloroaniline	370	UJ
87-68-3	Hexachlorobutadiene	370	UJ
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	140	J
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	910	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	910	U
131-11-3	Dimethylphthalate	370	U
208-96-8	Acenaphthylene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	910	UJ

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610396

Sample wt/vol: 30.0 (g/mL) G Lab File ID: B0905E10

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 12 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	470	
51-28-5	2,4-Dinitrophenol	910	U
100-02-7	4-Nitrophenol	910	U
132-64-9	Dibenzofuran	310	J
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	640	
100-10-6	4-Nitroaniline	910	U R
534-52-1	4,6-Dinitro-2-methylphenol	910	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U J
118-74-1	Hexachlorobenzene	370	U J
87-86-5	Pentachlorophenol	910	U J
85-01-8	Phenanthrene	3400	E
120-12-7	Anthracene	770	
86-74-8	Carbazole	720	
84-74-2	Di-n-Butylphthalate	910 ~~450~~	~~B~~ U
206-44-0	Fluoranthene	3700	E
129-00-0	Pyrene	2800	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U J
56-55-3	Benzo(a)Anthracene	2800	
218-01-9	Chrysene	2600	
117-81-7	bis(2-Ethylhexyl)Phthalate	370	U
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	3000	
207-08-9	Benzo(k)Fluoranthene	2300	
50-32-8	Benzo(a)Pyrene	2800	
193-39-5	Indeno(1,2,3-cd)Pyrene	750	
53-70-3	Dibenz(a,h)Anthracene	300	J
191-24-2	Benzo(g,h,i)Perylene	470	

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X112

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610396

Sample wt/vol: 30.0 (g/mL) G Lab File ID: B0905E10

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 12 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/05/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 8.6

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.30	1700	BAJ
2.	UNKNOWN	8.45	19000	BJ
3.	UNKNOWN PNA	25.12	690	J
4.	UNKNOWN	25.37	2000	J
5.	UNKNOWN PNA	27.84	530	J
6.	UNKNOWN PNA	28.14	950	J
7.	UNKNOWN PNA	28.44	2100	J
8.	UNKNOWN PNA	28.59	1100	J
9.	UNKNOWN	28.72	960	J
10.	UNKNOWN PNA	28.97	590	J
11.	UNKNOWN	29.04	550	J
12.	UNKNOWN	29.36	640	J
13.	UNKNOWN	29.57	580	J
14.	UNKNOWN AROMATIC KETONE	29.81	870	J
15.	UNKNOWN	30.09	1000	J
16.	UNKNOWN	30.17	1000	J
17.	UNKNOWN PNA	30.26	770	J
18.	UNKNOWN AROMATIC KETONE	30.36	840	J
19.	UNKNOWN PNA	30.54	360	J
20.	UNKNOWN PNA	31.17	920	J
21.	UNKNOWN	31.36	370	J
22.	UNKNOWN	31.52	510	J
23.	UNKNOWN	31.94	340	J
24.	UNKNOWN	32.11	1300	J
25.	UNKNOWN	32.24	510	J
26.	UNKNOWN	32.49	380	J
27.	UNKNOWN	32.61	580	J
28.	UNKNOWN	34.04	300	J
29.	UNKNOWN PNA	35.22	1100	J
30.	UNKNOWN PNA	36.04	4100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112DL

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610396

Sample wt/vol: 30.0 (g/mL) G Lab File ID: B0906E07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 12 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) Y pH: 8.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)Ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	N-Nitroso-Di-n-Propylamine	1100	U
621-64-7	N-Nitroso-Di-n-Propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)Methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	290	J
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U J
59-50-7	4-Chloro-3-Methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	2700	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	2700	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	2700	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112DL

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610396

Sample wt/vol: 30.0 (g/mL) G Lab File ID: B0906E07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 12 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) Y pH: 8.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	550	J
51-28-5	2,4-Dinitrophenol	2700	U
100-02-7	4-Nitrophenol	2700	UJ
132-64-9	Dibenzofuran	350	J
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
86-73-7	Fluorene	710	J
100-10-6	4-Nitroaniline	2700	UJ
534-52-1	4,6-Dinitro-2-methylphenol	2700	U
86-30-6	N-Nitrosodiphenylamine (1)	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	UJ
118-74-1	Hexachlorobenzene	1100	UJ
87-86-5	Pentachlorophenol	2700	U
85-01-8	Phenanthrene	6000	
120-12-7	Anthracene	1100	J
86-74-8	Carbazole	880	J
84-74-2	Di-n-Butylphthalate	2700 ~~570~~	BJU
206-44-0	Fluoranthene	6700	
129-00-0	Pyrene	5100	
85-68-7	Butylbenzylphthalate	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	UJ
56-55-3	Benzo(a)Anthracene	3800	
218-01-9	Chrysene	4300	
117-81-7	bis(2-Ethylhexyl)Phthalate	1100	U
117-84-0	Di-n-Octyl Phthalate	1100	U
205-99-2	Benzo(b)Fluoranthene	3700	
207-08-9	Benzo(k)Fluoranthene	3100	
50-32-8	Benzo(a)Pyrene	3700	
193-39-5	Indeno(1,2,3-cd)Pyrene	1800	
53-70-3	Dibenz(a,h)Anthracene	1100	U
191-24-2	Benzo(g,h,i)Perylene	1000	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X112DL

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610396

Sample wt/vol: 30.0 (g/mL) G Lab File ID: B0906E07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 12 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) Y pH: 8.6

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.28	2000	BAJ
2. 123-42-2	2PENTANONE, 4HYDROXY-4METHYL	8.35	38000	JNBA
3.	UNKNOWN PNA	23.44	500	J
4.	UNKNOWN PNA	25.04	1200	J
5.	UNKNOWN PNA	25.12	1300	J
6.	UNKNOWN PNA	25.22	480	J
7.	UNKNOWN	25.37	2600	J
8.	UNKNOWN PNA	25.81	770	J
9.	UNKNOWN AROMATIC KETONE	25.91	700	J
10.	UNKNOWN PNA	26.52	570	J
11.	UNKNOWN PNA	27.84	810	J
12.	UNKNOWN PNA	28.14	1500	J
13.	UNKNOWN PNA	28.42	3100	J
14.	UNKNOWN PNA	28.61	1500	J
15.	UNKNOWN	28.72	1300	J
16.	UNKNOWN PNA	28.97	740	J
17.	UNKNOWN	29.04	730	J
18.	UNKNOWN ALIP. ACID ESTER	29.36	1000	BJ
19.	UNKNOWN	29.57	810	J
20.	UNKNOWN AROMATIC KETONE	29.82	1200	J
21.	UNKNOWN PNA	30.09	1700	J
22.	UNKNOWN	30.17	1500	J
23.	UNKNOWN PNA	30.24	1000	J
24.	UNKNOWN AROMATIC KETONE	30.36	1100	J
25.	UNKNOWN PNA	31.16	1200	J
26.	UNKNOWN	31.52	510	J
[illegible]	UNKNOWN	32.61	840	J
[illegible]	UNKNOWN PNA	34.72	7600	J
29.	UNKNOWN PNA	35.21	1200	J
30.	UNKNOWN PNA	36.01	4500	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610397

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E03

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
541-73-1	1,3-Dichlorobenzene	370	U
106-46-7	1,4-Dichlorobenzene	370	U
95-50-1	1,2-Dichlorobenzene	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
621-64-7	N-Nitroso-Di-n-Propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	120	J
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)Methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
120-82-1	1,2,4-Trichlorobenzene	370	U
91-20-3	Naphthalene	86	J
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	UJ
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	900	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	200	J
208-96-8	Acenaphthylene	100	J
606-20-2	2,6-Dinitrotoluene	370	U
99-09-2	3-Nitroaniline	900	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610397

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E03

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	230	J
51-28-5	2,4-Dinitrophenol	900	U
100-02-7	4-Nitrophenol	900	U J
132-64-9	Dibenzofuran	110	J
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
86-73-7	Fluorene	240	J
100-10-6	4-Nitroaniline	900	U ~~J~~ R
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U J
118-74-1	Hexachlorobenzene	370	U J
87-86-5	Pentachlorophenol	900	U
85-01-8	Phenanthrene	2200	J
120-12-7	Anthracene	490	J
86-74-8	Carbazole	350	J
84-74-2	Di-n-Butylphthalate	900 ~~460~~	~~B~~ U
206-44-0	Fluoranthene	3300	E J
129-00-0	Pyrene	1700	J
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U J
56-55-3	Benzo(a)Anthracene	2000	J
218-01-9	Chrysene	2100	J
117-81-7	bis(2-Ethylhexyl)Phthalate	1100	J
117-84-0	Di-n-Octyl Phthalate	370	U
205-99-2	Benzo(b)Fluoranthene	2700	J
207-08-9	Benzo(k)Fluoranthene	1900	J
50-32-8	Benzo(a)Pyrene	2500	J
193-39-5	Indeno(1,2,3-cd)Pyrene	910	J
53-70-3	Dibenz(a,h)Anthracene	330	J
191-24-2	Benzo(g,h,i)Perylene	700	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X113

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610397

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0906E03

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.2

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.28	1500	BAJ
2.	UNKNOWN	8.42	19000	BJ
3.	UNKNOWN	25.36	1300	J
4.	UNKNOWN	27.51	1400	J
5.	UNKNOWN	27.84	470	J
6.	UNKNOWN PNA	28.14	760	J
7.	UNKNOWN PNA	28.42	1500	J
8.	UNKNOWN PNA	28.57	720	J
9.	UNKNOWN	28.71	820	J
10.	UNKNOWN PCB	29.01	280	J
11.	UNKNOWN ALIP. ACID ESTER	29.36	770	BJ
12.	UNKNOWN AROMATIC KETONE	29.81	760	J
13.	UNKNOWN	30.09	1100	J
14.	UNKNOWN	30.16	820	J
15.	UNKNOWN	30.24	750	J
16.	UNKNOWN AROMATIC KETONE	30.36	820	J
17.	UNKNOWN PNA	31.14	900	J
18.	UNKNOWN	31.36	370	J
19.	UNKNOWN	31.51	420	J
20.	UNKNOWN	32.12	2200	J
21.	UNKNOWN	32.49	2600	J
22.	UNKNOWN	32.59	570	J
23.	UNKNOWN	32.97	560	J
24.	UNKNOWN	33.04	570	J
25.	UNKNOWN	33.46	860	J
26.	UNKNOWN	34.07	700	J
27.	UNKNOWN	35.12	260	J
28.	UNKNOWN PNA	35.22	1200	J
29.	UNKNOWN	35.64	380	J
30.	UNKNOWN	35.89	290	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113DL

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610397

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E03

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) Y pH: 7.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)Ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
95-48-7	2-Methylphenol	1100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	N-Nitroso-Di-n-Propylamine	1100	U
621-64-7	N-Nitroso-Di-n-Propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)Methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-Methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	2700	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	2700	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	2700	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113DL

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610397

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E03

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) Y pH: 7.2

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

CAS NO.	COMPOUND	UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	2700	U
100-02-7	4-Nitrophenol	2700	UJR
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
86-73-7	Fluorene	240	J
100-10-6	4-Nitroaniline	2700	UR
534-52-1	4,6-Dinitro-2-methylphenol	2700	U
86-30-6	N-Nitrosodiphenylamine (1)	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	UJ
118-74-1	Hexachlorobenzene	1100	UJ
87-86-5	Pentachlorophenol	2700	U
85-01-8	Phenanthrene	2100	
120-12-7	Anthracene	520	J
86-74-8	Carbazole	350	J
84-74-2	Di-n-Butylphthalate	200 ~~430~~	BJU
206-44-0	Fluoranthene	4100	
129-00-0	Pyrene	2800	
85-68-7	Butylbenzylphthalate	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	UJ
56-55-3	Benzo(a)Anthracene	2400	
218-01-9	Chrysene	2700	
117-81-7	bis(2-Ethylhexyl)Phthalate	1100	J
117-84-0	Di-n-Octyl Phthalate	1100	U
205-99-2	Benzo(b)Fluoranthene	2800	
207-08-9	Benzo(k)Fluoranthene	2000	
50-32-8	Benzo(a)Pyrene	2800	
193-39-5	Indeno(1,2,3-cd)Pyrene	1700	J
53-70-3	Dibenz(a,h)Anthracene	1100	U
191-24-2	Benzo(g,h,i)Perylene	1300	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X113DL

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610397

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E03

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) Y pH: 7.2

Number TICs found: 23

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.27	1700	BAJ
2. 123-42-2	2PENTANONE, 4HYDROXY-4METHYL	8.35	32000	JNBA
3.	UNKNOWN	8.74	330	BJ
4.	UNKNOWN ALIP. HYDROCARBON	22.20	340	BJ
5.	UNKNOWN	25.02	550	J
6.	UNKNOWN PNA	25.11	550	J
7.	UNKNOWN	25.34	1400	J
8.	UNKNOWN AROMATIC KETONE	25.89	380	J
9.	UNKNOWN PNA	26.51	370	J
10.	UNKNOWN AROMATIC KETONE	26.74	380	J
11.	UNKNOWN PNA	28.41	1600	J
12.	UNKNOWN	28.69	910	J
13.	UNKNOWN ALIP. ACID ESTER	29.32	710	BJ
14.	UNKNOWN	29.79	770	J
15.	UNKNOWN	30.07	1100	J
16.	UNKNOWN	30.11	630	J
17.	UNKNOWN	31.14	850	J
18.	UNKNOWN	32.09	2100	J
19.	UNKNOWN	32.46	2500	J
20.	UNKNOWN	32.56	530	J
21.	UNKNOWN	33.42	530	J
22.	UNKNOWN	35.19	950	J
23.	UNKNOWN PNA	36.01	3800	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610398

Sample wt/vol: 30.0 (g/mL) G Lab File ID: B0906E10

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 7 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)Ether	350	U
95-57-8	2-Chlorophenol	350	U
541-73-1	1,3-Dichlorobenzene	350	U
106-46-7	1,4-Dichlorobenzene	350	U
95-50-1	1,2-Dichlorobenzene	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
621-64-7	N-Nitroso-Di-n-Propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)Methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
120-82-1	1,2,4-Trichlorobenzene	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	UJ
59-50-7	4-Chloro-3-Methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	860	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	860	U
131-11-3	Dimethylphthalate	350	U
208-96-8	Acenaphthylene	350	U
606-20-2	2,6-Dinitrotoluene	350	U
99-09-2	3-Nitroaniline	860	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610398

Sample wt/vol: 30.0 (g/mL) G Lab File ID: B0906E10

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 7 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	350	U
51-28-5	2,4-Dinitrophenol	860	U
100-02-7	4-Nitrophenol	860	UJ
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
86-73-7	Fluorene	350	U
100-10-6	4-Nitroaniline	860	UR
534-52-1	4,6-Dinitro-2-methylphenol	860	U
86-30-6	N-Nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	UJ
118-74-1	Hexachlorobenzene	350	UJ
87-86-5	Pentachlorophenol	860	U
85-01-8	Phenanthrene	610	
120-12-7	Anthracene	110	J
86-74-8	Carbazole	98	J
84-74-2	Di-n-Butylphthalate	860 ~~450~~	BU
206-44-0	Fluoranthene	1500	
129-00-0	Pyrene	860	
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	UJ
56-55-3	Benzo(a)Anthracene	770	
218-01-9	Chrysene	1000	
117-81-7	bis(2-Ethylhexyl)Phthalate	840	
117-84-0	Di-n-Octyl Phthalate	350	U
205-99-2	Benzo(b)Fluoranthene	1300	
207-08-9	Benzo(k)Fluoranthene	910	
50-32-8	Benzo(a)Pyrene	920	
193-39-5	Indeno(1,2,3-cd)Pyrene	450	
53-70-3	Dibenz(a,h)Anthracene	350	U
191-24-2	Benzo(g,h,i)Perylene	350	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X114

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610398

Sample wt/vol: 30.0 (g/mL) G Lab File ID: B0906E10

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 7 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/06/96

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 9.2

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. KETONE	7.28	1500	BAJ
2.	UNKNOWN	7.73	290	BJ
3.	UNKNOWN	8.42	18000	BJ
4.	UNKNOWN	8.75	300	BJ
5.	UNKNOWN ALIP. HYDROCARBON	22.14	180	BJ
6.	UNKNOWN ALIP. HYDROCARBON	22.20	300	BJ
7.	UNKNOWN ALIP. HYDROCARBON	23.29	210	J
8.	UNKNOWN	23.42	150	J
9.	UNKNOWN	24.40	290	J
10.	UNKNOWN PNA	25.02	150	J
11.	UNKNOWN	25.34	390	J
12.	UNKNOWN ALIP. HYDROCARBON	25.47	210	J
13.	UNKNOWN	25.89	170	J
14.	UNKNOWN ALIP. HYDROCARBON	26.49	190	J
15.	UNKNOWN	26.74	170	J
16.	UNKNOWN PNA	28.42	520	J
17.	UNKNOWN ALIP. ACID ESTER	29.34	670	BJ
18.	UNKNOWN	30.16	520	J
19.	UNKNOWN	32.09	460	J
20.	UNKNOWN	34.02	190	J
21.	UNKNOWN	34.47	170	J
22.	UNKNOWN	34.84	810	J
23.	UNKNOWN	35.19	340	J
24.	UNKNOWN	35.37	150	J
25.	UNKNOWN PNA	36.01	2000	J
26.	UNKNOWN	36.57	690	J
27.	UNKNOWN	37.14	240	J
28.	UNKNOWN	37.84	160	J
29.	UNKNOWN	38.67	390	J
30.	UNKNOWN	39.87	240	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610399

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 13 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1900	U
111-44-4	bis(2-Chloroethyl)Ether	1900	U
95-57-8	2-Chlorophenol	1900	U
541-73-1	1,3-Dichlorobenzene	1900	U
106-46-7	1,4-Dichlorobenzene	1900	U
95-50-1	1,2-Dichlorobenzene	1900	U
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1900	U
106-44-5	4-Methylphenol	1900	U
621-64-7	N-Nitroso-Di-n-Propylamine	1900	U
621-64-7	N-Nitroso-Di-n-Propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
111-91-1	bis(2-Chloroethoxy)Methane	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
120-82-1	1,2,4-Trichlorobenzene	1900	U
91-20-3	Naphthalene	2100	
106-47-8	4-Chloroaniline	1900	U h
87-68-3	Hexachlorobutadiene	1900	U h
59-50-7	4-Chloro-3-Methylphenol	1900	U
91-57-6	2-Methylnaphthalene	900	J
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	4600	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	4600	U
131-11-3	Dimethylphthalate	1900	U
208-96-8	Acenaphthylene	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
99-09-2	3-Nitroaniline	4600	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610399

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 13 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	3800	
51-28-5	2,4-Dinitrophenol	4600	U
100-02-7	4-Nitrophenol	4600	UR
132-64-9	Dibenzofuran	1700	J
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
86-73-7	Fluorene	3800	
100-10-6	4-Nitroaniline	4600	UR
534-52-1	4,6-Dinitro-2-methylphenol	4600	U
86-30-6	N-Nitrosodiphenylamine (1)	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	UJ
118-74-1	Hexachlorobenzene	1900	UJ
87-86-5	Pentachlorophenol	4600	U
85-01-8	Phenanthrene	19000	E
120-12-7	Anthracene	5300	
86-74-8	Carbazole	4700	
84-74-2	Di-n-Butylphthalate	4600 ~~420~~	BJU
206-44-0	Fluoranthene	23000	E
129-00-0	Pyrene	17000	E
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3'-Dichlorobenzidine	1900	UJ
56-55-3	Benzo(a)Anthracene	16000	E
218-01-9	Chrysene	19000	E
117-81-7	bis(2-Ethylhexyl)Phthalate	1900	U
117-84-0	Di-n-Octyl Phthalate	1900	U
205-99-2	Benzo(b)Fluoranthene	17000	E
207-08-9	Benzo(k)Fluoranthene	13000	
50-32-8	Benzo(a)Pyrene	17000	E
193-39-5	Indeno(1,2,3-cd)Pyrene	9100	J
53-70-3	Dibenz(a,h)Anthracene	3100	
191-24-2	Benzo(g,h,i)Perylene	5700	J

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X115

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610399

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E07

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 13 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.9

Number TICs found: 30

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 123-42-2	2PENTANONE, 4HYDROXY-4METHYL	8.28	35000	JNBA
.	UNKNOWN PNA	23.39	1800	J
3.	UNKNOWN PNA	25.00	3100	J
4.	UNKNOWN PNA	25.07	3300	J
5.	UNKNOWN PNA	25.32	9400	J
6.	UNKNOWN PNA	25.77	3000	J
7.	UNKNOWN AROMATIC KETONE	25.87	4000	J
8.	UNKNOWN AROMATIC KETONE	26.74	1900	J
9.	UNKNOWN PNA	27.81	2800	J
10.	UNKNOWN PNA	28.11	4400	J
11.	UNKNOWN PNA	28.39	10000	J
12.	UNKNOWN PNA	28.56	6500	J
13.	UNKNOWN PNA	28.67	5300	J
14.	UNKNOWN PNA	28.94	1900	J
15.	UNKNOWN	29.01	2100	J
16.	UNKNOWN ALIP. ACID ESTER	29.31	1800	BJ
17.	UNKNOWN PNA	29.52	3000	J
18.	UNKNOWN AROMATIC KETONE	29.77	3500	J
19.	UNKNOWN PNA	30.06	6000	J
20.	UNKNOWN PNA	30.12	4600	J
21.	UNKNOWN	30.21	6600	J
22.	UNKNOWN AROMATIC KETONE	30.32	3700	J
23.	UNKNOWN PNA	30.51	1900	J
24.	UNKNOWN PNA	31.12	8100	J
25.	UNKNOWN	31.32	2300	J
26.	UNKNOWN	31.49	2800	J
.	UNKNOWN PNA	32.04	4300	J
28.	UNKNOWN	32.19	1600	J
29.	UNKNOWN	32.56	3000	J
30.	UNKNOWN	33.27	1800	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115DL

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610399

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 13 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	9400	U
111-44-4	bis(2-Chloroethyl)Ether	9400	U
95-57-8	2-Chlorophenol	9400	U
541-73-1	1,3-Dichlorobenzene	9400	U
106-46-7	1,4-Dichlorobenzene	9400	U
95-50-1	1,2-Dichlorobenzene	9400	U
95-48-7	2-Methylphenol	9400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	9400	U
106-44-5	4-Methylphenol	9400	U
621-64-7	N-Nitroso-Di-n-Propylamine	9400	U
621-64-7	N-Nitroso-Di-n-Propylamine	9400	U
67-72-1	Hexachloroethane	9400	U
98-95-3	Nitrobenzene	9400	U
78-59-1	Isophorone	9400	U
88-75-5	2-Nitrophenol	9400	U
105-67-9	2,4-Dimethylphenol	9400	U
111-91-1	bis(2-Chloroethoxy)Methane	9400	U
120-83-2	2,4-Dichlorophenol	9400	U
120-82-1	1,2,4-Trichlorobenzene	9400	U
91-20-3	Naphthalene	2200	J
106-47-8	4-Chloroaniline	9400	UJ
87-68-3	Hexachlorobutadiene	9400	UJ
59-50-7	4-Chloro-3-Methylphenol	9400	U
91-57-6	2-Methylnaphthalene	9400	U
77-47-4	Hexachlorocyclopentadiene	9400	U
88-06-2	2,4,6-Trichlorophenol	9400	U
95-95-4	2,4,5-Trichlorophenol	23000	U
91-58-7	2-Chloronaphthalene	9400	U
88-74-4	2-Nitroaniline	23000	U
131-11-3	Dimethylphthalate	9400	U
208-96-8	Acenaphthylene	9400	U
606-20-2	2,6-Dinitrotoluene	9400	U
99-09-2	3-Nitroaniline	23000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115DL

I Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610399

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 13 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	3200	J
51-28-5	2,4-Dinitrophenol	23000	U
100-02-7	4-Nitrophenol	23000	UR
132-64-9	Dibenzofuran	9400	U
121-14-2	2,4-Dinitrotoluene	9400	U
84-66-2	Diethylphthalate	9400	U
7005-72-3	4-Chlorophenyl-phenylether	9400	U
86-73-7	Fluorene	3200	J
100-10-6	4-Nitroaniline	23000	UR
534-52-1	4,6-Dinitro-2-methylphenol	23000	U
86-30-6	N-Nitrosodiphenylamine (1)	9400	U
101-55-3	4-Bromophenyl-phenylether	9400	U
118-74-1	Hexachlorobenzene	9400	UJ
87-86-5	Pentachlorophenol	23000	UJ
85-01-8	Phenanthrene	21000	
120-12-7	Anthracene	4600	J
86-74-8	Carbazole	3800	J
84-74-2	Di-n-Butylphthalate	9400	U
206-44-0	Fluoranthene	34000	
129-00-0	Pyrene	27000	
85-68-7	Butylbenzylphthalate	9400	U
91-94-1	3,3'-Dichlorobenzidine	9400	UJ
56-55-3	Benzo(a)Anthracene	16000	
218-01-9	Chrysene	17000	
117-81-7	bis(2-Ethylhexyl)Phthalate	9400	U
117-84-0	Di-n-Octyl Phthalate	9400	U
205-99-2	Benzo(b)Fluoranthene	17000	
207-08-9	Benzo(k)Fluoranthene	9600	
50-32-8	Benzo(a)Pyrene	14000	
193-39-5	Indeno(1,2,3-cd)Pyrene	9100	J
53-70-3	Dibenz(a,h)Anthracene	9400	U
191-24-2	Benzo(g,h,i)Perylene	9800	J

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X115DL

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610399

Sample wt/vol: 30.1 (g/mL) G Lab File ID: B0911E08

Level: (low/med) LOW Date Received: 08/21/96

% Moisture: 13 decanted: (Y/N) N Date Extracted: 08/23/96

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/11/96

Injection Volume: 2.0 (uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) Y pH: 7.9

Number TICs found: 13

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 123-42-2	2PENTANONE, 4HYDROXY-4METHYL	8.30	47000	JNBA
2.	UNKNOWN PNA	25.12	3000	J
3.	UNKNOWN PNA	25.36	8200	J
4.	UNKNOWN AROMATIC KETONE	25.91	2800	J
5.	UNKNOWN PNA	28.42	11000	J
6.	UNKNOWN	28.71	6000	J
7.	UNKNOWN	29.32	2200	BJ
8.	UNKNOWN AROMATIC KETONE	29.81	3600	J
9.	UNKNOWN PNA	30.07	6000	J
10.	UNKNOWN PNA	30.14	6800	J
11.	UNKNOWN PNA	30.22	5200	J
12.	UNKNOWN PNA	31.14	7200	J
13.	UNKNOWN PNA	36.01	19000	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610381

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/23/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/27/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.8 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.056	P
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610382

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/23/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/27/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.082	J
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) WATER Lab Sample ID: D610384

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 08/23/96

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/27/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.2 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.010	JP
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.022	JP
7421-36-3	Endrin aldehyde	0.011	JP
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.0040	JP
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.1	
11097-69-1	Aroclor-1254	0.49	JP
11096-82-5	Aroclor-1260	0.35	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610386

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 29 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/05/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.4	U
319-85-7	beta-BHC	0.39	JP
319-86-8	delta-BHC	2.4	U
58-89-9	gamma-BHC (Lindane)	2.4	U
76-44-8	Heptachlor	0.32	JP
309-00-2	Aldrin	2.4	U
1024-57-3	Heptachlor epoxide	2.4	U
959-98-8	Endosulfan I	2.4	U
60-57-1	Dieldrin	0.43	JP
72-55-9	4,4'-DDE	12	P
72-20-8	Endrin	4.0	JP
33213-65-9	Endosulfan II	2.7	J
72-54-8	4,4'-DDD	6.1	
1031-07-8	Endosulfan sulfate	4.6	U
50-29-3	4,4'-DDT	5.8	P
72-43-5	Methoxychlor	11	J
53494-70-5	Endrin ketone	2.9	~~B~~JP
7421-36-3	Endrin aldehyde	2.6	JP
5103-71-9	alpha-Chlordane	2.4	U
5103-74-2	gamma-Chlordane	2.4	U
8001-35-2	Toxaphene	240	U
12674-11-2	Aroclor-1016	46	U
11104-28-2	Aroclor-1221	94	U
11141-16-5	Aroclor-1232	46	U
53469-21-9	Aroclor-1242	46	U
12672-29-6	Aroclor-1248	46	U
11097-69-1	Aroclor-1254	39	J
11096-82-5	Aroclor-1260	45	JP

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610387

Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____

% Moisture: 21 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/09/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 1.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	1.8	JP
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	5.6	P
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.2	U
72-55-9	4,4'-DDE	4.2	U
72-20-8	Endrin	42	P
33213-65-9	Endosulfan II	50	P
72-54-8	4,4'-DDD	13	P
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4'-DDT	99	P
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	45	JP
7421-36-3	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	8.4	P
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	460	P
11096-82-5	Aroclor-1260	660	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102DL

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610387D

Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____

% Moisture: 21 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/09/96

Injection Volume:- 1.00 (uL) Dilution Factor:- 10.0

GPC Cleanup: (Y/N) Y pH: 1.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	21	U
319-85-7	beta-BHC	2.7	JPD
319-86-8	delta-BHC	21	U
58-89-9	gamma-BHC (Lindane)	21	U
76-44-8	Heptachlor	21	U
309-00-2	Aldrin	5.2	JPD
1024-57-3	Heptachlor epoxide	21	U
959-98-8	Endosulfan I	21	U
60-57-1	Dieldrin	42	U
72-55-9	4,4'-DDE	42	U
72-20-8	Endrin	64	PD
33213-65-9	Endosulfan II	42	U
72-54-8	4,4'-DDD	13	JPD
1031-07-8	Endosulfan sulfate	42	U
50-29-3	4,4'-DDT	150	PD
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	42	U
7421-36-3	Endrin aldehyde	42	U
5103-71-9	alpha-Chlordane	21	U
5103-74-2	gamma-Chlordane	8.1	JPD
8001-35-2	Toxaphene	2100	U
12674-11-2	Aroclor-1016	420	U
11104-28-2	Aroclor-1221	850	U
11141-16-5	Aroclor-1232	420	U
53469-21-9	Aroclor-1242	420	U
12672-29-6	Aroclor-1248	420	U
11097-69-1	Aroclor-1254	690	PD
11096-82-5	Aroclor-1260	900	D

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610388

Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____

% Moisture: 11 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/10/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) N

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

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.41	JP
319-85-7	beta-BHC	0.15	JP
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	0.38	JP
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	0.29	JP
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	2.0	J
33213-65-9	Endosulfan II	2.5	J
72-54-8	4,4'-DDD	1.6	JP
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.2	JP
72-43-5	Methoxychlor	2.2	JP
53494-70-5	Endrin ketone	1.8	JP
7421-36-3	Endrin aldehyde	2.8	JP
5103-71-9	alpha-Chlordane	0.28	JP
5103-74-2	gamma-Chlordane	0.26	JP
8001-35-2	Toxaphene	30 ~~31~~	JP
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	14	JP
11096-82-5	Aroclor-1260	20	JP

MCN 9/20/96

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610389

Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____

% Moisture: 9 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/11/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.28	J
319-85-7	beta-BHC	0.23	JP
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	0.41	JP
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	1.8	J
72-20-8	Endrin	2.5	J
33213-65-9	Endosulfan II	2.5	JP
72-54-8	4,4'-DDD	2.1	JP
1031-07-8	Endosulfan sulfate	0.93	JP
50-29-3	4,4'-DDT	4.7	P
72-43-5	Methoxychlor	2.2	JP
53494-70-5	Endrin ketone	2.3	JP
7421-36-3	Endrin aldehyde	2.8	JP
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	16	JP
11096-82-5	Aroclor-1260	21	JP

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610390

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 4 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/11/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	7.6	P
72-55-9	4,4'-DDE	3.4	U
72-20-8	Endrin	40	P
33213-65-9	Endosulfan II	18	
72-54-8	4,4'-DDD	4.5	P
1031-07-8	Endosulfan sulfate	3.4	U
50-29-3	4,4'-DDT	22	P
72-43-5	Methoxychlor	55	P
53494-70-5	Endrin ketone	3.4	U
7421-36-3	Endrin aldehyde	16	P
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	4.7	P
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	34	U
11104-28-2	Aroclor-1221	69	U
11141-16-5	Aroclor-1232	34	U
53469-21-9	Aroclor-1242	34	U
12672-29-6	Aroclor-1248	34	U
11097-69-1	Aroclor-1254	220	P
11096-82-5	Aroclor-1260	340	P

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610391

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/09/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 4.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	13	P
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	37	P
33213-65-9	Endosulfan II	110	P
72-54-8	4,4'-DDD	5.4	P
1031-07-8	Endosulfan sulfate	5.2	P
50-29-3	4,4'-DDT	25	P
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	12	JP
7421-36-3	Endrin aldehyde	76	P
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	0.65	JP
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	930	P
11096-82-5	Aroclor-1260	2300	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107DL

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610391D

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/09/96

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 4.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	18	JPD
72-55-9	4,4'-DDE	39	U
72-20-8	Endrin	44	PD
33213-65-9	Endosulfan II	140	PD
72-54-8	4,4'-DDD	11	JPD
1031-07-8	Endosulfan sulfate	22	JPD
50-29-3	4,4'-DDT	28	JPD
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	21	JPD
7421-36-3	Endrin aldehyde	120	PD
5103-71-9	alpha-Chlordane	20	U
5103-74-2	gamma-Chlordane	0.67	JPD
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	390	U
11104-28-2	Aroclor-1221	790	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	1500	D
11096-82-5	Aroclor-1260	3300	D

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610392

Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____

% Moisture: 7 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/10/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 5.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.87	J
319-85-7	beta-BHC	0.45	JP
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	0.20	JP
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	3.5	P
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.5	U
72-55-9	4,4'-DDE	3.5	U
72-20-8	Endrin	9.5	P
33213-65-9	Endosulfan II	13	P
72-54-8	4,4'-DDD	3.5	U
1031-07-8	Endosulfan sulfate	3.5	U
50-29-3	4,4'-DDT	7.0	
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	32	P
7421-36-3	Endrin aldehyde	3.5	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	11	
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	71	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	170	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X109

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610393

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 11 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/11/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	0.65	JP
76-44-8	Heptachlor	0.12	JP
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	7.6	P
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	31	P
33213-65-9	Endosulfan II	23	
72-54-8	4,4'-DDD	14	P
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	51	P
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	17	~~J~~P
7421-36-3	Endrin aldehyde	15	P
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	7.9	P
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	320	
11096-82-5	Aroclor-1260	330	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X110

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610394

Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____

% Moisture: 6 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/11/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	4.2	P
58-89-9	gamma-BHC (Lindane)	2.6	P
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	7.6	P
72-55-9	4,4'-DDE	3.5	U
72-20-8	Endrin	43	P
33213-65-9	Endosulfan II	26	P
72-54-8	4,4'-DDD	5.9	
1031-07-8	Endosulfan sulfate	3.5	U
50-29-3	4,4'-DDT	28	P
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	13	~~B~~P
7421-36-3	Endrin aldehyde	32	P
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	4.7	P
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	71	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	300	
11096-82-5	Aroclor-1260	630	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X110DL

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610394D

Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____

% Moisture: 6 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/11/96

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.81	JPD
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	5.4	JPD
58-89-9	gamma-BHC (Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	8.9	JPD
72-55-9	4,4'-DDE	35	U
72-20-8	Endrin	63	D
33213-65-9	Endosulfan II	41	PD
72-54-8	4,4'-DDD	14	JPD
1031-07-8	Endosulfan sulfate	35	U
50-29-3	4,4'-DDT	49	PD
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	15	~~P~~JPD
7421-36-3	Endrin aldehyde	37	PD
5103-71-9	alpha-Chlordane	18	U
5103-74-2	gamma-Chlordane	18	U
8001-35-2	Toxaphene	1300	DJ
12674-11-2	Aroclor-1016	350	U
11104-28-2	Aroclor-1221	710	U
11141-16-5	Aroclor-1232	350	U
53469-21-9	Aroclor-1242	350	U
12672-29-6	Aroclor-1248	350	U
11097-69-1	Aroclor-1254	380 ~~370~~	D
11096-82-5	Aroclor-1260	810	D

MCN 9/20/96

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X111

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610395

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/09/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	12	P
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	1.5	JP
72-55-9	4,4'-DDE	3.5	U
72-20-8	Endrin	9.5	
33213-65-9	Endosulfan II	5.1	P
72-54-8	4,4'-DDD	1.7	JP
1031-07-8	Endosulfan sulfate	3.5	U
50-29-3	4,4'-DDT	3.5	U
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	4.1	~~J~~P
7421-36-3	Endrin aldehyde	9.8	P
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	100	
11096-82-5	Aroclor-1260	94	P

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X112

b Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610396

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/06/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	19	P
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.2	JP
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	5.8	
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-36-3	Endrin aldehyde	2.0	JP
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	4.1	P
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	90	P
11096-82-5	Aroclor-1260	200	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610397

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 11 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/11/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.69	JP
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	22	P
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	21	P
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	100	P
33213-65-9	Endosulfan II	57	P
72-54-8	4,4'-DDD	5.9	P
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	24	P
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-36-3	Endrin aldehyde	63	P
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	9.3	P
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	750	
11096-82-5	Aroclor-1260	1200	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X113DL

b Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610397D

Sample wt/vol: 30.2 (g/mL) G Lab File ID: _____

% Moisture: 11 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/11/96

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	25	PD
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	29	JPD
72-55-9	4,4'-DDE	37	U
72-20-8	Endrin	100	PD
33213-65-9	Endosulfan II	110	D
72-54-8	4,4'-DDD	31	JPD
1031-07-8	Endosulfan sulfate	37	U
50-29-3	4,4'-DDT	25	JPD
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	37	U
7421-36-3	Endrin aldehyde	93	PD
5103-71-9	alpha-Chlordane	19	U
5103-74-2	gamma-Chlordane	8.4	JPD
8001-35-2	Toxaphene	1900	U
12674-11-2	Aroclor-1016	370	U
11104-28-2	Aroclor-1221	750	U
11141-16-5	Aroclor-1232	370	U
53469-21-9	Aroclor-1242	370	U
12672-29-6	Aroclor-1248	370	U
11097-69-1	Aroclor-1254	1200	D
11096-82-5	Aroclor-1260	1800	D

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610398

Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____

% Moisture: 7 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/09/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 9.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.18	JP
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	30	P
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	19	P
72-55-9	4,4'-DDE	3.5	U
72-20-8	Endrin	83	P
33213-65-9	Endosulfan II	40	P
72-54-8	4,4'-DDD	8.3	P
1031-07-8	Endosulfan sulfate	3.5	U
50-29-3	4,4'-DDT	31	P
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	39	~~J~~P
7421-36-3	Endrin aldehyde	68	P
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	13	P
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	830	
11096-82-5	Aroclor-1260	1200	

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X114DL

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610398D

Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____

% Moisture: 7 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/10/96

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 9.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC (Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	28	JPD
72-55-9	4,4'-DDE	35	U
72-20-8	Endrin	120	PD
33213-65-9	Endosulfan II	51	PD
72-54-8	4,4'-DDD	9.4	JPD
1031-07-8	Endosulfan sulfate	35	U
50-29-3	4,4'-DDT	46	PD
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	58	~~J~~PD
7421-36-3	Endrin aldehyde	89	PD
5103-71-9	alpha-Chlordane	18	U
5103-74-2	gamma-Chlordane	17	JPD
8001-35-2	Toxaphene	1800	U
12674-11-2	Aroclor-1016	350	U
11104-28-2	Aroclor-1221	720	U
11141-16-5	Aroclor-1232	350	U
53469-21-9	Aroclor-1242	350	U
12672-29-6	Aroclor-1248	350	U
11097-69-1	Aroclor-1254	1200	D
11096-82-5	Aroclor-1260	1500	D

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115

Lab Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610399

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 13 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/10/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	0.84	JP
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.6	JP
76-44-8	Heptachlor	3.0	P
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	29	P
72-54-8	4,4'-DDD	31	P
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	120	P
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-36-3	Endrin aldehyde	15	P
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	22	
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	600	
11096-82-5	Aroclor-1260	610	P

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X115DL

Name: ILLINOIS EPA Contract: 0316550004

Lab Code: SPFLD Case No.: ALLIED SAS No.: _____ SDG No.: 610381

Matrix: (soil/water) SOIL Lab Sample ID: D610399D

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 13 decanted: (Y/N) N Date Received: 08/21/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 08/29/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 09/10/96

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 7.9 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	3.9	JPD
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	37	U
72-55-9	4,4'-DDE	37	U
72-20-8	Endrin	94	PD
33213-65-9	Endosulfan II	34	JPD
72-54-8	4,4'-DDD	35	JPD
1031-07-8	Endosulfan sulfate	37	U
50-29-3	4,4'-DDT	140	PD
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	37	U
7421-36-3	Endrin aldehyde	37	U
5103-71-9	alpha-Chlordane	19	U
5103-74-2	gamma-Chlordane	28	D
8001-35-2	Toxaphene	1900	U
12674-11-2	Aroclor-1016	370	U
11104-28-2	Aroclor-1221	760	U
11141-16-5	Aroclor-1232	370	U
53469-21-9	Aroclor-1242	370	U
12672-29-6	Aroclor-1248	370	U
11097-69-1	Aroclor-1254	720	D
11096-82-5	Aroclor-1260	830	PD