174221

ALION SCIENCE AND TECHNOLOGY
ESAT REGION V
INTERNAL PEER REVIEW FORM

ENVIRONMENTAL SERVICE ASSISTANCE TEAMS

Current Date:_____ Due Date:_____

Task Order (TO) No.: 05-0-05 TO Description: Organic Data Review

TDF No.: 5-05-589 IITRI Job No.: 1476-105-168-002

Case/SAS: Saugetw SAS SDG: 905604 (water)

Task Order Project Manager (TOPO): Richard Byvik

Audit Schedule - Minimum of 1 Auditor

Reviewer	Date Reviewer Completed	Reviewer's Initials	Hours Spent
Stefanie Tobin	Full Review	ST	32
Auditor	**Date Audit Completed**	**Auditor's Initials**	**Hours Spent**
Allison Harvey	1/28/03	ACH	3

Comments (Please initial): _____

Environmental Protection Agency Office of Emergency and Remedial Response	Contract No. 68-W-01-014
	Contractor: IIT Research Institute (IITRI)
TECHNICAL DIRECTION FORM (TDF)	Task Order No. 05-0-05
	TDF No. 5-05-589

Task Order Project Officer:	Richard L Byvik	Phone	(312) 353-3114

Superfund Site Name: Sauget Area 2 (Site Q), IL

105-168-002

Superfund Site ID #: 05XX LA 00

Start Date: 01/08/2003 Completion Date: 01/31/2003
(Cost Estimate 50 hours)

TASK DESCRIPTION: **Level 4 review**

Perform Organic Manual VOA, SVOA, and Pesticides/PCBs Data Reviews for about 15 water samples in SDG 905604 according to CLP SOW OLM03.2.

Perform this work under Task Area 2 of the Contract SOW and Task 4 of the Task Order. These are MANUAL Reviews.

DELIVERABLE:
Case summary package, as specified in the task order on page 2. The report is due to Richard Byvik **on or before 01/31/2003**. Provide electronic and hard copy.

PO APPROVAL: Date:

I CERTIFY THAT THIS TECHNICAL DIRECTIVE DOES NOT REQUEST SERVICES THAT ARE INHERENTLY GOVERNMENTAL FUNCTIONS AND THAT IT DOES NOT ALTER THE (1) STATEMENT OF WORK, (2) LEVEL OF EFFORT, (3) COST OF PERFORMING THE AUTHORIZED WORK, (4) NUMBER OF DELIVERABLES, OR (5) THE DUE DATES OF DELIVERABLES FOR THE ABOVE REFERENCED WORK ASSIGNMENT.

TOPO Signature Richard L Byvik Date 01/08/2003

Original to Contractor
cc: TOPO file Project Officer Contracting Officer

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: _____

SUBJECT: **Review of Data**
Received for Review on _____

FROM: **Stephen L. Ostrodka, Chief (SMF-4J)**
Superfund Field Services Section

for Steve Ostrodka
Richard L Bynik
1/29/03

TO: **Data User:** _____

We have reviewed the data for the following case:

Site name: Sauget Area 2

Case number: Sauget SAS **SDG Number:** 905604

Type of Samples: 19 water samples

Sample Numbers: G101-G104, G106-G117, TB1, TB2, FB

Laboratory: Illinois EPA **Hrs. for Review:** _____

Following are our findings:

the data are usable and acceptable with the qualifications described in the attached narrative.

Richard L Bynik

CC: Cecilia Moore
Region 5 TPO
Mail Code: SMF-4J

Case Number : Sauget SAS **SDG Number: 905604**
Site Name: Sauget Area 2 **Laboratory: Illinois EPA**

The samples (G101-G104, G106-G117, TB1, TB2 and FB) were collected on 05/24-27/1999. The laboratory received nineteen (19) water samples on 05/25-28/1999. The Lab COC indicated that the samples were received intact but the temperatures of the coolers containing the samples were not recorded. Samples G101-G104, G106-G117 and VBLKFB were analyzed for the full list of organic analytes following the Statement of Work for the multi medium level analysis. Samples VBLKTB1 and VBLKTB2 were analyzed only for the list of Volatile analytes.

Sample VBLKFB of the VOA fraction and sample FB of the SVOA and Pest/PCB fractions are the same sample.

Forms DC-1, DC-2, Sample tags and air bills were not included with the data package.

Sample G114 was used as the low level matrix spike/matrix spike duplicates for the VOA fraction. Sample G109 was used as the low level matrix spike/matrix spike duplicates for the SVOA and Pest/PCB fractions.

Samples G114 and G115 appear to be duplicate samples. Samples VBLKTB1 and VBLKTB2 are trip blanks. Sample VBLKFB (listed as FB for SVOA and Pest/PCB fractions) is a field blank.

The VOA samples were analyzed on 05/25/1999 through 06/02/1999 well within the holding time of fourteen (14) days for the preserved water samples. The SVOA samples were extracted on 05/26/1999 through 06/01/1999 and Pest/PCB samples were extracted on 05/27/1999 through 06/01/1999 well within the holding time of seven (7) days for the water samples. The SVOA extracts were analyzed on 05/28/1999 through 06/03/1999 and the Pest/PCB extracts were analyzed on 06/02-03/1999 within forty (40) days following the extraction; therefore, the results are acceptable.

The reviewer's narrative and data qualifiers are noted in the following pages.

Case Number : Sauget SAS **SDG Number: 905604**
Site Name: Sauget Area 2 **Laboratory: Illinois EPA**

Below is a summary of the out-of-control audits and the possible effect on the data for this case.

1. HOLDING TIME

The samples (G101-G104, G106-G117, TB1, TB2 and FB) were collected on 05/24-27/1999. The laboratory received nineteen (19) water samples on 05/25-28/1999. The Lab COC indicated that the samples were received intact but the temperatures of the coolers containing the samples were not recorded. Samples G101-G104, G106-G117 and VBLKFB were analyzed for the full list of organic analytes following the Statement of Work for the multi medium level analysis. Samples VBLKTB1 and VBLKTB2 were analyzed only for the list of Volatile analytes.

The VOA samples were analyzed on 05/25/1999 through 06/02/1999 well within the holding time of fourteen (14) days for the preserved water samples. The SVOA samples were extracted on 05/26/1999 through 06/01/1999 and Pest/PCB samples were extracted on 05/27/1999 through 06/01/1999 well within the holding time of seven (7) days for the water samples. The SVOA extracts were analyzed on 05/28/1999 through 06/03/1999 and the Pest/PCB extracts were analyzed on 06/02-03/1999 within forty (40) days following the extraction; therefore, the results are acceptable.

2. GC/MS TUNING PERFORMANCE

VOA & SV: GC/MS tuning complied with the mass list and ion abundance criteria for BFB and DFTPP. All samples were analyzed within the twelve (12) hour periods for instrument performance checks.

PEST: The GC Resolution Check Mix met the 60% resolution criteria. The 4,4'-DDT and Endrin degradation checks using Performance Evaluation Mix of DB-608 and DB-1701 columns were acceptable (<20% for individual and <30% for Endrin and 4,4'-DDT combined); therefore, the results are acceptable.

The Florisil Cartridge performance check for the Florisil Cartridge lot used for Pest/PCB sample clean up were performed on 06/07/1995 and it complied with the Statement of Work for the multi medium level analysis. The routine Florisil Cartridge and GPC Calibration Checks met the QC criteria; therefore, the results are acceptable.

3. CALIBRATION

Initial and continuing calibration standards of VOA, SVOA and Pest/PCB were evaluated for the Target Compounds List (TCLs) and outliers were recorded on the outlier forms included as a part of this narrative.

4. METHOD BLANK

VOA: For the VOA fraction, VBLKW1, VBLKW2, VBLKW3 and VBLKW4 are the method blanks. All VOA method blanks are free of laboratory contaminants.

Case Number : Sauget SAS **SDG Number: 905604**
Site Name: Sauget Area 2 **Laboratory: Illinois EPA**

SV: For the SVOA fraction, SBLKW1, SBLKW2, SBLKW3 and SBLKW4 are the method blanks. SBLKW1 contains six (6) TICs. SBLKW2 contains three (3) TICs. SBLKW3 contains eight (8) TICs and SBLKW4 contains fifteen (15) TICs. The presence of the TICs in the samples associated with SBLKW1, SBLKW2, SBLKW3 and SBLKW4 are flagged as non-detected (U) when the sample results are less than 5X the blank results. Please, refer to Form IVs SVOA for the list of associated samples.

PEST: For the Pest/PCB fraction, PBLKW1, PBLKW2 and PBLKW3 are the method blanks. PBLKW1 and PBLKW3 are free of laboratory contaminants. PBLKW2 contains Aldrin at 0.0039 µg/L. The presence of Aldrin in the samples associated with PBLKW2 is flagged as non-detected (U) when the sample results is less than 5X the blank results. Please, refer to Form IVs PEST for the list of associated samples.

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

VOA: For the VOA fraction, the recoveries of Toluene-d_8 and 4-Bromofluorobenzene for G101 were above the QC limits. The positive results for G101 should be qualified as estimated (J) and no qualification for the non-detects.

SV: For the SVOA fraction, no surrogates were recovered for sample G104DL. The recovery of Phenol-d_5 for samples G102 and G102DL was above the QC limit. The recovery of 2,4,6-Tribromophenol for samples G101, G101DL, G102, G106, G107, G109MS, G109MSD, G110, G111, G112, G112DL, G113 and G116 was above the QC limit. The recovery of 2-Chlorophenol-d_4 for sample G102DL was above the QC limit. The results for samples G101, G106, G107, G109MS, G109MSD, G110, G111, G112, G113 and G116 are acceptable since the Region V protocol allows at least two surrogates in either base/neutral or acid fraction to be out of control before a re-analysis or qualification is required. The results for samples G101DL, G102DL, G104DL and G112DL are acceptable due to sample dilutions of five (5) fold or more. The positive results for the acid fraction for sample G102 should be qualified as estimated (J) and no qualification for the non-detects.

PEST: For the Pest/PCB fraction, No surrogates were recovered for samples G104 and G104DL. Zero recovery was detected for TCX2 for sample G112. The results for samples G104 and G104DL are acceptable due to sample dilutions of five (5) folds or more. The positive result for G112 should be qualified as estimated (J) and non-detects as unusable (R).

6. MATRIX SPIKE/SPIKE DUPLICATES

Sample G114 was used as the low level matrix spike/matrix spike duplicates for the VOA fraction. Sample G109 was used as the low level matrix spike/matrix spike duplicates for the SVOA and Pest/PCB fractions.

VOA: The spike recoveries and RPDs for the VOA fraction were within the QC limits; therefore, the results are acceptable.

Case Number : Sauget SAS **SDG Number: 905604**
Site Name: Sauget Area 2 **Laboratory: Illinois EPA**

SV: For the SVOA fraction, the recoveries of 4-Nitrophenol, 2,4-Dinitrotoluene and Pentachlorophenol for G109MS and G109MSD were above the QC limits. The recovery of 4-Chloro-3-Methylphenol for G109MS were above the QC limit but not qualified as the %recovery was less than or equal (≤) to 100%. The positive results of 4-Nitrophenol, 2,4-Dinitrotoluene and Pentachlorophenol for the unspiked sample (G109) should be qualified as estimated (J) and no qualification for the non-detects.

PEST: For the Pest/PCB fraction, the RPDs of Gamma-BHC, Heptachlor, Aldrin, Dieldrin and Endrin were above the QC limits. The recoveries of Dieldrin and Endrin for G109MSD were above the QC limits. The positive results for Gamma-BHC, Heptachlor, Aldrin, Dieldrin and Endrin of the unspiked sample (G109) should be qualified as estimated (J) and non-detects (UJ).

7. FIELD BLANK AND FIELD DUPLICATE

Samples G114 and G115 appear to be duplicate samples. Samples VBLK**TB1** and VBLK**TB2** are trip blanks. Sample VBLK**FB** (listed as FB for SVOA and Pest/PCB fractions) is a field blank.

The field blank contains Acetone at 2.0 µg/L and alpha-BHC at 0.0078 µg/L. The trip blank VBLKTB1 contains Acetone at 9.0 µg/L and 1 VOA TIC. The trip blank VBLKTB2 contains Acetone at 10.0 µg/L and 1 VOA TIC. The results of the duplicated samples are summarized in the following table:

Field sample ID	G114	G115
Acetone	2.0 µg/L	2.0 µg/L
1,1,1-Trichloroethane	2.0 µg/L	3.0 µg/L
SVOA TICs (Unknown @ R.T. = 41.22)	1	1

8. INTERNAL STANDARDS

VOA: For the VOA fraction, the recovery of Chlorobenzene-d_5 for G101 was below the QC limits. The positive results for the following analytes of G101 should be qualified as estimated (J) and non-detected (UJ).

2-Hexanone	1,1,2,2-Tetrachloroethane	Ethylbenzene
4-Methyl-2-Pentanone	Toluene	Styrene
Tetrachloroethene	Chlorobenzene	Xylene (totals)

SV: The internal standard retention times and area counts for the SVOA samples were within the QC limits; therefore, the results are acceptable.

Reviewed By: Steffanie Tobin (ALION/ESAT)
Date: January 28, 2003

Case Number : Sauget SAS **SDG Number: 905604**
Site Name: Sauget Area 2 **Laboratory: Illinois EPA**

9. COMPOUND IDENTIFICATION

The target compounds and TICs for the VOA, SVOA and Pest/PCB fractions were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The VOA, SVOA and Pest/PCB Target Compounds (TCLs) and Tentative Identified Compounds (TICs) were properly quantitated; therefore, the data are acceptable. The CRQLs were adjusted to reflect all sample dilutions.

For the Pest/PCB samples that have conjested chromatogram, the positive results for the pesticide target compounds should be qualified as non-detected (U) when the reported concentration is less than 25% of the CRQL and the percent different of the two columns greater than 25% . The Pest/PCB results, which have reported concentration greater than 25% of the CRQL and have percent different between two columns greater than 25% should be qualified as estimated (J).

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance.

The baseline for the Pest/PCB analysis indicated acceptable performance.

12. ADDITIONAL INFORMATION

For the VOA fraction, the following samples have analytes which were quantitated outside the calibration range:

G101, G102, G104:	Chlorobenzene
G104:	Benzene, Chlorobenzene
G113 :	Xylene (totals)

For the SVOA fraction, the following samples have analytes which were quantitated outside the calibration range:

G101:	2-Chlorophenol
G102, G116:	4-Chloroaninline
G104:	Phenol, 2-Chlorophenol, Nitrobenzene, 2,4-Dichlorophenol, 2,4,6-Trichlorophenol and 4-Nitroaniline
G112:	Pentachlorophenol
G113:	Naphthalene

For the analyte that exceeded the calibration range in the original sample analysis; the results of the diluted analysis should be considered the sample's analyte concentration.

Reviewed By: Steffanie Tobin (ALION/ESAT)
Date: January 28, 2003

Case Number : Sauget SAS **SDG Number: 905604**
Site Name: Sauget Area 2 **Laboratory: Illinois EPA**

The results of 4-Nitrophenol and Pentachlorophenol for samples G109MS and G109MSD were quantitated outside the calibration range. No further dilutions were analyzed since these samples were used for QC purposes only.

For the Pest/PCB fraction, samples G104 and G107 were re-analyzed at dilution due to matrix interference. The results of the diluted samples G104DL and G107DL should be used for result validation.

For the Pest/PCB fraction, the following samples have the date of sample received listed incorrectly on the Form Is:

Field Sample ID	Incorrect date	Corrected date
G104	05/26/99	05/27/99
G104DL	05/26/99	05/27/99
G108	05/26/99	05/27/99
G110	05/26/99	05/27/99
G112	05/25/99	05/26/99
G113	05/25/99	05/26/99
G114	05/25/99	05/26/99
G115	05/25/99	05/26/99
FB	05/26/99	05/27/99

MULTI-MEDIA, MULTI-CONCENTRATION CALIBRATION OUTLIER
VOLATILE TCL COMPOUNDS
Page 1 of 2

CASE/SAS #: SAUGET SAS SDG #: 905604

SITE NAME: SAUGET AREA 2 CONTRACT LAB: ILLINOIS EPA

Instrument: HPMS5					Column: DB-624											
Heated Purge: (Y/N) N		Initial Calibration			Continuing Cal			Continuing Cal			Continuing Cal			Continuing Cal		
Date/Time tuning:		5/21/99 9:53			5/25/99 8:08			5/27/99 8:01			5/28/99 7:56			6/02/99 8:34		
TCL Analytes		RRF	%RSD	Q	RRF	%D	Q	RRF	%D	Q	RRF	%D	Q	RRF	%D	Q
Chloromethane	.10															
Bromomethane	.10															
Vinyl Chloride	.10															
Chloroethane	.01															
1,1-Dichloroethene	.10															
Acetone	.01	.457			.451			.442			.503			.608	-33	J
Carbon Disulfide	.01															
Methylene Chloride	.01															
1,2-Dichloroethene(total)	.01															
1,1-Dichloroethane	.20															
2-Butanone	.01															
Chloroform	.20															
1,1,1-Trichloroethane	.10															
Carbon Tetrachloride	.10															
Benzene	.50															
1,2-Dichloroethane	.10															
Trichloroethene	.30	.274			.286			.292			.284			.285		
1,2-Dichloropropane	.01															
Bromodichloromethane	.20															
cis-1,3-Dichloropropene	.20															
4-Methyl-2-Pentanone	.01															
Toluene	.40															
tran-1,3-Dichloropropene	.10															

MULTI-MEDIA, MULTI-CONCENTRATION CALIBRATION OUTLIER
VOLATILE TCL COMPOUNDS
Page 2 of 2

CASE/SAS #: SAUGET SAS SDG #: 905604

SITE NAME: SAUGET AREA 2 CONTRACT LAB: ILLINOIS EPA

Instrument: HPMS5					Column: DB-624											
Heated Purge: (Y/N) N		Initial Calibration			Continuing Cal			Continuing Cal			Continuing Cal			Continuing Cal		
Date/Time tuning:		5/21/99 9:53			5/25/99 8:08			5/27/99 8:01			5/28/99 7:56			6/02/99 8:34		
TCL Analytes		RRF	%RSD	Q	RRF	%D	Q	RRF	%D	Q	RRF	%D	Q	RRF	%D	Q
1,1,2-Trichloroethane	.10															
Tetrachloroethene	.20															
2-Hexanone	.01															
Dibromochloromethane	.10															
Chlorobenzene	.50															
Ethylbenzene	.10															
Xylene (total)	.30															
Styrene	.30															
Bromoform	.10															
1,1,2,2-Tetrachloroethane	.30	.299			.312			.306			.324			.315		
1,2-Dichloroethane-d_4 (SURR)	.01															
Toluene-d_8 (SURR)	.01															
4-Bromofluorobenzene (SURR)	.20															

SAMPLES AFFECTED:				
	VBLKW1	VBLKW2	VBLKW3	VBLKW4
	G103	VBLKTB1	G106	G109
	G101	G115	G107	G104DL
	G102	G114	G117	G104
	G111	G113		
	G102DL	G112		
	G101DL	VBLKTB2		
		G108		
		G113DL		
		G114MS		
		G114MSD		
		VBLKFB		
		G116		
		G110		

%RSD ± 30% %D ± 25%
J/R = All positive results are estimated "J" and non-detected results are unusable "R"
Q = These flags should be applied to the analytes on the sample data sheets.
# = Minimum Relative Response Factor for Data Review Purposes

MULTI-MEDIA, MULTI-CONCENTRATION CALIBRATION OUTLIER
SEMIVOLATILE TCL COMPOUNDS
Page 1 of 3

CASE/SAS #: SAUGET SAS SDG #: 905604

SITE NAME: SAUGET AREA 2 CONTRACT LAB: ILLINOIS EPA

Instrument: HPMS3					Column:											
		Initial Calibration			Continuing Cal			Continuing Cal			Continuing Cal			Continuing Cal		
Date/Time tuning:		5/26/99 10:32			5/28/99 7:56			6/01/99 9:43			6/02/99 9:33			6/03/99 8:17		
TCL Analytes	#	RRF	%RSD	Q	RRF	%D	Q	RRF	%D	Q	RRF	%D	Q	RRF	%D	Q
Phenol	.80															
bis(2-chloroethyl)ether	.70															
2-Chlorophenol	.80															
2-Methylphenol	.70															
2,2'-oxybis(1-	.01															
4-Methylphenol	.60															
N-Nitroso-di-n-propylam.	.50															
Hexachloroethane	.30															
Nitrobenzene	.20															
Isophorone	.40															
2-Nitrophenol	.10															
2,4-Dimethylphenol	.20															
bis-(2-chloroethoxy)meth.	.30															
2,4-Dichlorophenol	.20															
Naphthalene	.70															
4-Chloroaniline	.01															
Hexachlorobutadiene	.01															
4-Chloro-3-methylphenol	.20															
2-Methylnaphthalene	.40															
Hexachlorocyclopentadien	.01															
2,4,6-Trichlorophenol	.20															
2,4,5-Trichlorophenol	.20															
2-Chloronaphthalene	.80															
2-Nitroaniline	.01															
Dimethyl phthlate	.01															
Acenaphthylene	.90															

MULTI-MEDIA, MULTI-CONCENTRATION CALIBRATION OUTLIER
SEMIVOLATILE TCL COMPOUNDS
Page 2 of 3

CASE/SAS #: SAUGET SAS SDG #: 905604

SITE NAME: SAUGET AREA 2 CONTRACT LAB: ILLINOIS EPA

Instrument HPMS3					Column:											
		Initial Calibration			Continuing Cal			Continuing Cal			Continuing Cal			Continuing Cal		
Date/Time tuning:		5/26/99		10:32	5/28/99		7:56	6/01/99		9:43	6/02/99		9:33	6/03/99		8:17
TCL Analytes	#	RRF	%RSD	Q	RRF	%D	Q	RRF	%D	Q	RRF	%D	Q	RRF	%D	Q
2,6-Dinitrotoluene	.20															
3-Nitroaniline	.01															
Acenaphthene	.90															
2,4-Dinitrophenol	.01	.148			.127			.069	53	J	.116			.121		
4-Nitrophenol	.01															
Dibenzofuran	.80															
2,4-Dinitrotoluene	.20															
Diethylphthalate	.01															
Fluorene	.90															
4-Chlorophenyl-phenyl.	.40															
4-Nitroaniline	.01															
4,6-Dinitro-2-methylphe.	.01	.142			.136			.106	25	J	.127			.127		
N-nitrosodiphenylamine	.01															
4-Bromophenyl-phenyl.	.10															
Hexachlorobenzene	.10															
Pentachlorophenol	.05	.110			.100			.093			.085			.080	27	J
Phenanthrene	.70															
Anthracene	.70															
Carbazole	.01															
Di-n-butylphthalate	.01															
Fluoranthene	.60															
Pyrene	.60															
Butylbenzylphthalate	.01															
3,3'-Dichlorobenzidine	.01															
Benzo(a)anthracene	.80															
Chrysene	.70															
bis(2-ethyl hexyl)phthal.	.01															
Di-n-octyl phthalate	.01															
Benzo(b)fluoranthene	.70															

MULTI-MEDIA, MULTI-CONCENTRATION CALIBRATION OUTLIER
SEMIVOLATILE TCL COMPOUNDS
Page 3 of 3

CASE/SAS #: SAUGET SAS SDG #: 905604

SITE NAME: SAUGET AREA 2 CONTRACT LAB: ILLINOIS EPA

Instrument: HPMS3					Column:											
		Initial Calibration			Continuing Cal			Continuing Cal			Continuing Cal			Continuing Cal		
Date/Time tuning:		5/26/99 10:32			5/28/99 7:56			6/01/99 9:43			6/02/99 9:33			6/03/99 8:17		
TCL Analytes	#	RRF	%RSD	Q	RRF	%D	Q	RRF	%D	Q	RRF	%D	Q	RRF	%D	Q
Benzo(k)fluoranthene	.70															
Benzo(a)pyrene	.70															
Indeno(1,2,3-cd)pyrene	.50															
Dibenz(a,h)anthrancene	.40															
Benzo(g,h,i)perylene	.50															
1,3-Dichlorobenzene	.60															
1,4-Dichlorobenzene	.50															
1,2-Dichlorobenzene	.40															
1,2,4-Trichlorobenzene	.20															
SURROGATES																
Nitrobenzene-d5	.20															
2-Fluorobiphenyl	.70															
Terphenyl-d14	.50															
Phenol-d5	.80															
2-Fluorophenol	.60															
2,4,6-Tribromophenol	.01															
2-Chlorophenol-d4	.80															
1,2-Dichlorobenzene-d4	.40															

AFFECTED SAMPLES:			
	SBLKW1	SBLKW3	SBLKW4	G116DL
	G111	FB	G109	G104DL
	G103	G106	G109MS	G110
	G101	G107	G109MSD	
	SBLKW2	G113	G117	
	G114	G116	G102DL	
	G115		G101DL	
	G108		G113DL	
	G112		G112DL	
	G102		G104	

% RSD ± 30%, % D ± 25%
Q - These flags should be applied to the analytes on the sample data sheets.
Minimum Relative Response Factor for Data Review Purposes

CALIBRATION OUTLIER
PESTICIDE/PCB TCL COMPOUNDS

CASE/SAS #: SAUGET SAS SDG #: 905604

SITE NAME: SAUGET AREA 2 CONTRACT LAB: ILLINOIS EPA

Instrument: HP11A					Column: DB-608							
	Initial Calibration		Continuing Cal		Continuing Cal		Continuing Cal		Continuing Cal		Continuing Cal	
Date\Time:	6/01/99 15:08		6/02/99 1:31		6/02/99 9:48		6/02/99 17:25		6/03/99 1:43		6/03/99 13:28	
TCL Analytes	%RSD	Q	%D	Q	%D	Q	%D	Q	%D	Q	%D	Q
alpha-BHC												
beta-BHC												
delta-BHC												
gamma-BHC												
Heptachlor												
Aldrin												
Heptachlor epoxide												
Endosulfan I												
Dieldrin												
4,4'-DDE												
Endrin												
Endosulfan II												
4,4'-DDD												
Endosulfan sulfate												
4,4'-DDT												
Methoxychlor												
Endrin ketone												
Endrin aldehyde												
alpha-Chlordane												
gamma-Chlordane												
Toxaphene												
Aroclor-1016												
Aroclor-1221												
Aroclor-1232												
Aroclor-1242												
Aroclor-1248												
Aroclor-1254												
Aroclor-1260												
Tetrachloro-m-xylene												
Decachlorobiphenyl												
AFFECTED SAMPLES:			PBLKW1				G114		PBLKW3			
			PBLKW2				G115		G109MS			
			G101				G108		G109MSD			
			G102				G110		G109			
			G103				FB		G106			
			G111				G104		G116			
			G112						G107			
			G113						G107DL			
									G117			
									G104DL			

%RSD ≤ 20%, %D ± 25%
Q - These flags should be applied to the analytes on the sample data sheets.

CALIBRATION OUTLIER
PESTICIDE/PCB TCL COMPOUNDS

CASE/SAS #: SAUGET SAS SDG #: 905604

SITE NAME: SAUGET AREA 2 CONTRACT LAB: ILLINOIS EPA

Instrument: HP11B					Column: DB-1701							
	Initial Calibration		Continuing Cal		Continuing Cal		Continuing Cal		Continuing Cal		Continuing Cal	
Date\Time:	6/01/99 15:50		6/02/99 2:12		6/02/99 10:30		6/02/99 18:06		6/03/99 2:24		6/03/99 15:12	
TCL Analytes	%RSD	Q	%D	Q	%D	Q	%D	Q	%D	Q	%D	Q
alpha-BHC												
beta-BHC												
delta-BHC												
gamma-BHC												
Heptachlor												
Aldrin												
Heptachlor epoxide												
Endosulfan I												
Dieldrin												
4,4'-DDE												
Endrin												
Endosulfan II												
4,4'-DDD												
Endosulfan sulfate												
4,4'-DDT												
Methoxychlor												
Endrin ketone												
Endrin aldehyde												
alpha-Chlordane												
gamma-Chlordane												
Toxaphene												
Aroclor-1016												
Aroclor-1221												
Aroclor-1232												
Aroclor-1242												
Aroclor-1248												
Aroclor-1254												
Aroclor-1260												
Tetrachloro-m-xylene												
Decachlorobiphenyl												
AFFECTED SAMPLES:			PBLKW1				G114		PBLKW3			
			PBLKW2				G115		G109MS			
			G101				G108		G109MSD			
			G102				G110		G109			
			G103				FB		G106			
			G111				G104		G116			
			G112						G107			
			G113						G107DL			
									G117			

%RSD ≤ 20%, %D ± 25%
Q - These flags should be applied to the analytes on the sample data sheets.

ORGANIC DATA QUALIFIER DEFINITIONS

For the purpose of defining the flagging nomenclature utinized in this document, the following code letters and associated definitions are provide:

VALUE-if the results is a value greater than or equal to the Contract Required Quantitation Limit (CRQL).

U Indicates that the compound was analyzed for, but not detected. The sample quantitation limit corrected for dilution and percent moisture is reported.

J Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of a compound but the result is less than the sample quantitation limit, but greater than zero. The flag is also used to indicate a reported result having an associated QC problem.

R Indicates the data are unusable. (Note: The analyte may or may not be present.)

N Indicates presumptive evidence of a compound. This flag is only used for a tentatively identified compound, where the identification is based on a mass spectral library search.

P Indicates a pesticide/Aroclor target analyte when there is greater than 25% difference for the detected concentrations between the two GC columns. The lower of the two results is reported.

C Indicates pesticide results that have been confirmed by GC/MS.

B Indicates the analyte is detected in the associated blank as well as the sample.

E Indicates compounds whose concentrations exceed the calibration range of the instrument.

D Indicates an identified compound in an analysis has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analysis.

A Indicates tentatively identified compounds that are suspected to be aldol condensation products.

G Indicates the TCLP Matrix Spike Recovery was greater than the upper limit of the analytical method.

L Indicates the TCLP Matrix Spike Recovery was less than the lower limit of the analytical method.

T Indicates the analyte is found in the associated TCLP extraction blank as well as in the sample.

X, Y, Z are reserved for laboratory defined flags.

SDG NARRATIVE

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

Case:Sauget area 2

Sample Identification		IEPA Sample Number	pH
G101		D905604	2.0
G101DL	(1,2)	D905604	2.0
G102		D905605	2.0
G102DL	(1,2)	D905605	2.0
G103		D905606	2.0
G104		D905818	2.0
G104	(3)	D905818DD	
G104DL	(1,2)	D905818	2.0
G104DL	(3)	905818DDD	
G106		D905946	2.0
G107		D905947	2.0
G107DL	(3)	D905947D	
G108		D905810	2.0
G109		D905970	2.0
G110		D905813	2.0
G111		D905607	2.0
G112		D905730	2.0
G113		D905731	2.0
G113DL	(1,2)	D905731	2.0
G114		D905732	2.0
G115		D905733	2.0
G116		D905945	2.0
G116DL	(2)	D905945	2.0
G117		D905948	2.0
FB	(2,3)	D905814	
VBLKFB	(1)	D905814	2.0
VBLKTB1	(1)	D905734	2.0
VBLKTB2	(1)	D905821	2.0
VBLKW1	(1)	VBLK052599	
VBLKW2	(1)	VBLK052799	
VBLKW3	(1)	VBLK052899	
VBLKW4	(1)	VBLK060299	
SBLKW1	(2)	D905795	
SBLKW2	(2)	D905902	
SBLKW3	(2)	D905969	
SBLKW4	(2)	D905997	

PBLKW1	(3)	D905805
PBLKW2	(3)	D905905
PBLKW3	(3)	D905976
G114MS	(1)	D905732MS
G114MSD	(1)	D905733MSD
G109MS	(2)	D905996
G109MSD	(2)	D905996R
G109MS	(3)	D905974
G109MSD	(3)	D905975

(1) Volatile sample
(2) Semivolatile sample
(3) Pesticide sample

VOLATILE FRACTION

In sample G101, the internal standard Chlorobenzene-d5 was overwhelmed by the saturated Chlorobenzene peak. The large recoveries seen for the surrogates Toluene-d8 and Bromofluorobenzene are a direct result of the low internal standard recovery. This sample was not rerun due to the high concentration of Chlorobenzene.

The sample G104 was initially run at a dilution because it was a highly colored sample.

The matrix spikes are listed as G114MS and G114MSD but G114MS was run from IEPA sample D905732 and G114MSD was run from IEPA sample D905733. This occurred because samples D905732 and D905733 are duplicate samples.

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

G101
Tetrachloroethene coelutes with 2-Hexanone in the standard.

G112
Tetrachloroethene coelutes with 2-Hexanone in the standard.

G113
Chlorobenzene coelutes with a TIC.
m & p-Xylenes are saturated.
o-Xylene coelutes with styrene in the standard.

SEMIVOLATILE FRACTION

Sample G102 had two surrogates fail and also needed a dilution. The sample was rerun and the two surrogates again failed. The rerun was not included here because only two runs are to be submitted per sample.

Sample G104 was initially run at a dilution because of a highly colored extract.

On Form V from May 28th, ion 68 is listed as 2.0% of ion 69. The criterion for this ion is that it be less than 2.0% of ion 69. Ion 68 was 1.97% of ion 69 in the DFTPP run and this number was rounded to 2.0% on the form.

On Form IF (TIC) for sample G104, the compound 2,4-D is listed at two separate retention times. Both spectra matched the library entry for 2,4-D.

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

G101
Diethylphthalate coelutes with Fluorene in the standard.

G102
1,2-Dichlorobenzene coelutes with the surrogate 1,2-Dichlorobenzene-d4.
4-Chloroaniline coelutes with a TIC.

G102DL
1,4-Dichlorobenzene coelutes with a TIC.

G103
Diethylphthalate coelutes with Fluorene in the standard.

G104
Phenol coelutes with bis(2-Chloroethyl)Ether in the standard.
4-Chloroaniline coelutes with a TIC.
4-Nitrophenol coelutes with a TIC.

G104DL
Phenol coelutes with bis(2-Chloroethyl)Ether in the standard.
4-Chloroaniline coelutes with a TIC.

G110
Phenol coelutes with bis(2-Chloroethyl)Ether in the standard.
4-Methylphenol coelutes with a TIC.

G112DL

1,4-Dichlorobenzene coelutes with a TIC.
1,2-Dichlorobenzene coelutes with a TIC.
2-Nitroaniline coelutes with a TIC.

G113

Phenol coelutes with the surrogate Phenol-d5.
1,2-Dichlorobenzene coelutes with the surrogate 1,2-Dichlorobenzene-d4.
2,4-Dimethylphenol coelutes with a TIC.
Diethylphthalate coelutes with Fluorene in the standard.

G113DL

2,4-Dimethylphenol coelutes with a TIC.
Diethylphthalate coelutes with Fluorene in the standard.

G116

4-Chloroaniline coelutes with a TIC.
2,4,6-Trichlorophenol coelutes with a TIC.
N-Nitrosodiphenylamine coelutes with a TIC.

PESTICIDE FRACTION

Data submitted for sample G104 was obtained from dilutions of the original extract. 1:100 and 1:1000 dilutions were required for sample G104 due to early interference in the analysis run on the DB-1701 column caused by the sample matrix. An attempt to run the neat sample and its 1:10 dilution caused the instrument baseline to exceed the detector's range for the entire analysis run on the above mentioned column. The pesticide surrogate compounds were diluted out of range for G104.

In sample G112, interferring sample matrix peaks overwhelmed the surrogate TCX and therefore its percent recovery could not be caluculated from the DB-1701 column.

The florisil cartridge check data is in a separate sub-package following the Pesticide Standards Chromatograms and Reports section.

Celeste Crowley — 6/29/99
Celeste Crowley — Date
Pesticide Supervisor

Ricky L. Nimmons — 6/29/99
Ricky Nimmons — Date
GC/MS Supervisor

Cooler #1

Illinois Environmental Protection Agency Chain of Custody

Preservative Codes	Container Description: Soil	Container Description: Aqueous
1 None		
2 VOA - HCl	VOC - 2 oz. glass (2)	VOC - 40 mL glass (2)
3 Metals - HNO3	SVOC - 8 oz. glass (1)	SVOC, Pest/PCB - 80 oz amber glass (1)*
4 Cyanide - NaOH	Pest/PCB - 8 oz. glass (1)	Inorganics - 1 qt. plastic (1)
5 Other	Inorganics - 16 oz. glass (1)	* duplicate 1 out of 10
6 Other		

Project	Lab	Location	Cooler Initially Sealed By	Date Initially Sealed
PR 46 000	1631210001	St. Clair	[signature]	5-21-99
Section	**Site Name**	**Project Manager**	**Phone Number**	**Initial Cooler Seal #**
	Sauget area 2	Ken Corkill	217/524-1664	157

Lab Sample No	VOA	ABN	PEST					Field Sample Number	Matrix	No of Bottles	Date Collected	Time Collected (24 hr clock)	Sampler's Initials	Special Notations
905604	X							G101	GW	2	5/24/99	1130	B.T.	
↓		X	X					G101	GW	1	5/24/99	1130	B.T.	
								~~G102~~ DUP						DUP
905605	X							G102	GW	2	5/24/99	1400	B.T.	
↓		X	X					G102	GW	1	5/24/99	1400	B.T.	
905606	X							G103	GW	2	5/24/99	1515	B.T.	
↓		X	X					G103	GW	1	5/24/99	1515	B.T.	
905607	X							G111	GW	2	5/24/99	1730	B.T.	
↓		X	X					G111	GW	1	5/24/99	1730	B.T.	

Opener: I certify that I received the sample shipping container with the shipping container sealed and intact

Sealer: I certify that the samples listed above were collected in my presence and sealed by me

Cooler Opened by:	Seal No:	Date:	Time:	Intact	Cooler Sealed By:	Seal No.:	Date:	Time:
Edward Prusaitis	157	5/24/99	10:30	Y-N	Edward J Prusaitis	166	5/24/99	1830
				Y-N				

Received by:	Seal No:	Date:	Time:	Intact
Cathy Sutton	166	5-25-99	9:40	Y-N

No Trip Blank Rec'd CAB 5-25-99

Sample Courier:

Turnaround Time Requested:

Samplers: Brad Taylor

000195

Illinois Environmental Protection Agency Chain of Custody

Preservative Codes	Container Description: Soil	Container Description: Aqueous
1. None	VOC - 2 oz. glass (2)	VOC - 40 mL glass (2)
2. VOA - HCl	SVOC - 8 oz. glass (1)	SVOC, Pest/PCB - 80 oz amber glass (1)*
3. Metals - HNO3	Pest/PCB - 8 oz. glass (1)	Inorganics - 1 qt. plastic (1)
4. Cyanide - NaOH	Inorganics - 16 oz. glass (1)	* duplicate 1 out of 10
5. Other		
6. Other		

Fund	LPC#	Locality	Cooler Initially Sealed By	Date Initially Sealed
PR 46 000	1631210001	St. Clair	[signature]	5-21-99
Section	**Site Name**	**Project Manager**	**Phone Number**	**Initial Cooler Seal #**
	Sauget area 2	Ken Corkill	217/524-1664	147

000196

Lab Sample No.	Parameter Group: VOA	BNA	PEST	PCB				Collection Information: Field Sample Number	Matrix	No. of Bottles	Date Collected	Time Collected (24 hr clock)	Sampler's Initials	Special Notations
905730	X							G112	GW	2	5/25/99	1045	B.T.	
		X	X	X				G112	GW	1	5/25/99	1045	B.T.	
905731	X							G113	GW	2		1145	B.T.	
		X	X	X				G113	GW	1		1145	B.T.	
905732	X							G114	GW	2		1330	B.T.	
		X	X	X				G114	GW	1		1330	B.T.	
905733	X							G115	GW	2		1330	B.T.	
		X	X	X				G115	GW	1		1330	B.T.	
905734	X		Blanks					TB	GW	2	5/25/99	12:00	B.T.	Trip Blanks
905735	X							X109	Soil	3	5/25/99		B.T.	
	X							X110	Soil	3	5/25/99		B.T.	[illegible]
	X							X107	Soil	3	5/25/99		B.T.	[illegible]

Opener: I certify that I received the sample shipping container with the shipping container sealed and intact.

Sealer: I certify that the samples listed above were collected in my presence and sealed by me.

Cooler Opened by:	Seal No:	Date:	Time:	Intact	Cooler Sealed By:	Seal No.:	Date:	Time:
Edward J Pennette	147	5/24/99	10:30	Y-N	Edward J Pennette	161	5/25/99	1830
				Y-N				

Identify that I received the cooler containing the above samples and the seal is intact.

Received for Lab by:		Seal No:	Date:	Time:	Intact
Michelle Hogg	[signature] Michelle Hogg	0000161	5/26	Fedx 10:00	Y-N

Sample Courier: Fed Ex

Turnaround Time Requested:

Samplers: Brad Taylor

Lab Comments:

Supervisor Reviewing Results:

Illinois Environmental Protection Agency Chain of Custody

Preservative Codes	Container Description: Soil	Container Description: Aqueous
1 None		
2 VOA - HCl	VOC - 2 oz. glass (2)	VOC - 40 mL glass (2)
3 Metals - HNO3	SVOC - 8 oz. glass (1)	SVOC, Pest/PCB - 80 oz amber glass (1)*
4 Cyanide - NaOH	Pest/PCB - 8 oz. glass (1)	Inorganics - 1 qt. plastic (1)
5 Other	Inorganics - 16 oz. glass (1)	* duplicate 1 out of 10
6 Other		

Fund	UPC	Locality	Cooler Initially Sealed by	Date Initially Sealed
PR 46 000	1631210001	St. Clair	[signature]	5-21-99
Section	**Site Name**	**Project Manager**	**Phone Number**	**Initial Cooler Seal #**
	Sauget area 2	Ken Corkill	217/524-1664	163

Lab Sample No	VOA	Pest	PCB	BNA			Field Sample Number	Matrix	No of Bottles	Date Collected	Time Collected (24 hr clock)	Sampler's Initials	Special Notations
905810	X						G108	GW	2	5/25/99	1515	B.T.	
/		X	X	X			G108	GW	1	5/25/99	1515	B.T.	
~~—~~	~~X~~						~~G109~~	~~GW~~	~~2~~	~~5/25/99~~			~~BJT~~
~~—~~		~~X~~	~~X~~	~~X~~			~~G109~~	~~GW~~	~~1~~	~~5/25/99~~			~~BJT~~
~~—~~	~~X~~						~~G110~~	~~GW~~	~~2~~	~~5/25/99~~		~~BJT~~	
~~—~~		~~X~~	~~X~~	~~X~~			~~G110~~	~~GW~~	~~1~~	~~5/25/99~~		~~BJT~~	
905811		X	X	X			X109	soil	1	5/25/99	1330	B.T.	
905812		X	X	X			X110	soil	1	5/25/99	1330	B.T.	
905813	X						G110	GW	2	5/26/99	950	B.T.	High Concentration
/		X	X	X			G110	GW	1	5/26/99	950	B.T.	High Concentration
905814	X						FB	GW	2	5/26/99	1100	B.T.	
/		X	X	X			FB	GW	1	5/26/99	1100	B.T.	

Opener: I certify that I received the sample shipping container with the shipping container sealed and intact.

Sealer: I certify that the samples listed above were collected in my presence and sealed by me

Cooler Opened by:	Seal No:	Date:	Time:	Intact	Cooler Sealed By:	Seal No.:	Date:	Time:
Edward J Pesavento	163	5/27/99	1030	(Y)-N	Edward J Pesavento	169	5/26/99	1900
				Y-N				

I certify that I received the samples listed above in the condition specified by the Illinois EPA				
Received for Lab by:	Seal No:	Date:	Time:	Intact
Michelle Hogg [signature]	0000169	5/27/99	Fedex 9:25	(Y)-N
Lab Comments:				
Received for Transport by:			Date:	

Sample Courier: Fed Ex

Turnaround Time Requested:

Samplers: Brad Taylor

0001197

Note: G116 - 2-40mls
[illegible] were given sample
[illegible] D905874.
Also - Had to write in
2-40ml trip blanks at
bottom of [illegible]

Illinois Environmental Protection Agency Chain of Custody

Description	Fund	LPC#	Locality	Cooler Initially Sealed By	Date Initially Sealed
Aqueous - 40 mL glass (2) C, Pest/PCB - 80 oz amber glass (1)* enics - 1 qt plastic (1) icate 1 out of 10	PR 46 000	1631210001	St. Clair		
	Section	Site Name	Project Manager	Phone Number	Initial Cooler Seal #
		Sauget area 2	Ken Corkill	217/524-1664	

000198

Collection Information

Lab Sample No	[illegible]	[illegible]	[illegible]	[illegible]				Field Sample Number	Matrix	No of Bottles	Date Collected	Time Collected (24 hr clock)	Sampler's Initials	Special Notations
905815	X							X107	Soil	3	5/26/99	950	B.T.	High Concentration
|		X	X	X				X107	Soil	1	5/26/99	950	B.T.	High Concentration
905816		X	X	X				X113	Soil	1	5/25/99	1730	B.T.	High Concentration
905817	X							X103	Soil	3	5/26/99	1200	B.T.	High Concentration
|		X	X	X				X103	Soil	1	5/26/99	1200	B.T.	High Concentration
905818	X							G104	GW	2	5/26/99	1300	B.T.	High Concentration
|		X	X	X				G104	GW	1	5/26/99	1300	B.T.	High Concentration
905819	X							X104	Soil	3	5/26/99	1430	B.T.	High Concentration
905819		X	X	X				X104	Soil	1	5/26/99	1430	B.T.	High Concentration
905820	X						G116	~~G114~~ MAH 5-27	GW	2	5/26/99	1715	B.T.	← D905874-40mls
|	X							X111	Soil	3	5/26/99	1715	B.T.	
|		X	X	X				X111	Soil	1	5/26/99	1715	B.T.	

Opener: I certify that I received the sample shipping container with the shipping container sealed and intact

Sealer: I certify that the samples listed above were collected in my presence and sealed by me

Cooler Opened by:	Seal No:	Date:	Time:	Intact	Cooler Sealed By:	Seal No.:	Date:	Time:
Edward J Prosch	—	~~1030~~ 5/27/99	1030	Y-N	Edward J Prosch	167	5/26/99	1900
				Y-N				

I certify that I received the cooler containing the above samples with the seal(s) [illegible]

Received for Lab by:		Seal No:	Date:	Time:	Intact:
Michelle Hogg	Michelle Hogg	0000169	5/27/99	Fedx 9:25	Y-N

Lab Comments:

Supervisor Reviewing Results:

Sample Courier:

Turnaround Time Requested:

Samplers: Brad Taylor

905821 - 2-40ml Trip Blanks - MAH 5/27/99

Illinois Environmental Protection Agency Chain of Custody

Preservative Codes	Container Description: Soil	Container Description: Aqueous
1 None	VOC - 2 oz. glass (2)	VOC - 40 mL glass (2)
2 VOA - HCl	SVOC - 8 oz. glass (1)	SVOC, Pest/PCB - 80 oz amber glass (1)*
3 Metals - HNO3	Pest/PCB - 8 oz. glass (1)	Inorganics - 1 qt. plastic (1)
4 Cyanide - NaOH	Inorganics - 16 oz. glass (1)	* duplicate 1 out of 10
5 Other		
6 Other		

Fund	LPC#	Locality	Cooler Initially Sealed by	Date Initially Sealed
PR 46 000	1631210001	St. Clair	[signature]	5-21-99
Section	**Site Name**	**Project Manager**	**Phone Number**	**Initial Cooler Seal #**
	Sauget area 2	Ken Corkill	217/524-1664	149

Lab Sample No.	Parameter Group: VOA	Pest	PCB	BNA				Field Sample Number	Matrix	No. of Bottles	Date Collected	Time Collected (24 hr clock)	Sampler's Initials	Special Notations
905945		X	X	X				G116	GW	1	5/26/99	1715	B.T.	
905946	X							G106	GW	2	5/27/99	0930	B.T.	
|		X	X	X				G106	GW	1	5/27/99	0930	B.T.	
905947	X							G107	GW	2	5/27/99	1045	B.T.	
|		X	X	X				G107	GW	1	5/27/99	1045	B.T.	
905948	X							G117	GW	2	5/27/99	1300	B.T.	
|		X	X	X				G117	GW	1	5/27/99	1300	B.T.	
905949	X							X105	Soil	3	5/27/99	1045	B.T.	
|		X	X	X				X105	Soil	1	5/27/99	1045	B.T.	
905950	X							X112	Soil	3	5/27/99	1245	B.T.	
|		X	X	X				X112	Soil	1	5/27/99	1245	B.T.	

Opener: I certify that I received the sample shipping container with the shipping container sealed and intact.

Sealer: I certify that the samples listed above were collected in my presence and sealed by me.

Cooler Opened by:	Seal No:	Date:	Time:	Intact	Cooler Sealed By:	Seal No.:	Date:	Time:
Edward J Prosser	149	5/24/99	10 30	Y-N	Edward J Prosser	144	5/27/99	1700
				Y-N				

Received for Lab by:	Seal No:	Date:	Time:	Intact
Michelle Hogg / Michelle Hogg	0000144	5/28/99	10.30	Y-N

Sample Courier:

Turnaround Time Requested:

Samplers: Brad Taylor

000198-A

Illinois Environmental Protection Agency Chain of Custody

Preservative Codes	Container Description: Soil	Container Description: Aqueous
1 None	VOC - 2 oz glass (2)	VOC - 40 mL glass (2)
2 VOA - HCl	SVOC - 8 oz glass (1)	SVOC, Pest/PCB - 80 oz amber glass (1)*
3 Metals - HNO3	Pest/PCB - 8 oz glass (1)	Inorganics - 1 qt. plastic (1)
4 Cyanide - NaOH	Inorganics - 16 oz glass (1)	* duplicate 1 out of 10
5 Other		
6 Other		

Fund	LPC#	Locality	Cooler Initially Sealed By	Date Initially Sealed
PR 46 000	1631210001	St. Clair	[signature]	5-21-99
Section	**Site Name**	**Project Manager**	**Phone Number**	**Initial Cooler Seal #**
	Sauget area 2	Ken Corkill	217/524-1664	151

Lab Sample No.	Parameter Group: VOA	BNA	Pest	PCB				Collection Information: Field Sample Number	Matrix	No of Bottles	Date Collected	Time Collected (24 hr clock)	Sampler's Initials	Special Notations
905970	X							G109	GW	2	5/27/99		B.T.	
~~905971~~ 6/1/99		X	X	X				G109	GW	3	5/27/99		B.T.	

Cooler was Previously Opened by Lilly Chu. on 5/28/99 15:35.

05-28-99 15:35

Michelle,
I opened (~~this~~) a CLP cooler and found out there is no Encore samplers expected to be put away into freezer.
I put the cooler in the walk-in refrig.
Lily

...ing container sealed and intact.

Seal No:	Date:	Time:	Intact
151	5/24/99	1030	Y-N
			Y-N

Sea No:	Date:	Time:	Intact
checked IN	6/1/99	0700	Y-N

Delivered Fed X 5/28/99 15:35

Sealer: I certify that the samples listed above were collected in my presence and sealed by me.

Cooler Sealed By:	Seal No.:	Date:	Time:
Edward J Rusch	147	5/27/99	1700

Sample Courier:

Turnaround Time Requested:

Samplers: Brad Taylor

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 #	OTHER	TOT OUT
01	VBLKW1	104	103	103		0
02	G103	105	101	104		0
03	G101	104	519*	139*		2
04	G102	107	104	110		0
05	G111	111	103	108		0
06	G102DL	104	99	103		0
07	G101DL	101	98	100		0
08	VBLKW2	102	100	100		0
09	VBLKTB1	99	95	99		0
10	G115	99	95	98		0
11	G114	97	93	98		0
12	G113	98	99	100		0
13	G112	103	98	102		0
14	VBLKTB2	104	95	101		0
15	G108	106	94	101		0
16	G113DL	111	102	102		0
17	G114MS	108	102	104		0
18	G114MSD	106	100	102		0
19	VBLKFB	107	97	101		0
20	G116	106	101	102		0
21	G110	108	101	102		0
22	VBLKW3	100	100	100		0
23	G106	106	100	104		0
24	G107	103	100	101		0
25	G117	104	99	101		0
26	VBLKW4	102	102	102		0
27	G109	101	90	99		0
28	G104DL	113	110	112		0
29	G104	112	110	114		0
30						

		QC LIMITS
SMC1 (DCE)	= 1,2-Dichloroethane-d4	(76-114)
SMC2 (TOL)	= Toluene-d8	(88-110)
SMC3	= 4-Bromofluorobenzene	(86-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix Spike - EPA Sample No.: G114

COMPOUND	SPIKE ADDED (UG/L)	SAMPLE CONCENTRATION (UG/L)	MS CONCENTRATION (UG/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0	51	102	61-145
Trichloroethene	50	0	51	102	71-120
Benzene	50	0	53	106	76-127
Toluene	50	0	49	98	76-125
Chlorobenzene	50	0	50	100	75-130

COMPOUND	SPIKE ADDED (UG/L)	MSD CONCENTRATION (UG/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	50	100	2	14	61-145
Trichloroethene	50	51	102	0	14	71-120
Benzene	50	52	104	2	11	76-127
Toluene	50	49	98	0	13	76-125
Chlorobenzene	50	50	100	0	13	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKW1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab File ID: E0525C03 Lab Sample ID: VBLK052599

Date Analyzed: 05/25/99 Time Analyzed: 0946

GC Column: DB-624, 60MID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HPMS5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	G103	D905606	E0525C06	1140
02	G101	D905604	E0525C07	1215
03	G102	D905605	E0525C08	1249
04	G111	D905607	E0525C10	1403
05	G102DL	D905605DL	E0525C11	1446
06	G101DL	D905604DL	E0525C12	1531
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKW2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab File ID: E0527C03 Lab Sample ID: VBLK052799

Date Analyzed: 05/27/99 Time Analyzed: 0920

GC Column: DB-624, 60MID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HPMS5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VBLKTB1	D905734	E0527C04	0958
02	G115	D905733	E0527C05	1032
03	G114	D905732	E0527C06	1105
04	G113	D905731	E0527C07	1139
05	G112	D905730	E0527C09	1253
06	VBLKTB2	D905821	E0527C10	1334
07	G108	D905810	E0527C11	1408
08	G113DL	D905731DL	E0527C12	1455
09	G114MS	D905732MS	E0527C13	1529
10	G114MSD	D905733MSD	E0527C14	1603
11	VBLKFB	D905814	E0527C15	1636
12	G116	D905874	E0527C16	1710
13	G110	D905813	E0527C18	1817
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKW3

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab File ID: E0528C03 Lab Sample ID: VBLKW052899

Date Analyzed: 05/28/99 Time Analyzed: 0913

GC Column: DB-624, 60MID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HPMS5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	G106	D905946	E0528C15	1618
02	G107	D905947	E0528C17	1726
03	G117	D905948	E0528C19	1833
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COMMENTS:

4A
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKW4

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab File ID: E0602C03 Lab Sample ID: VBLK060299

Date Analyzed: 06/02/99 Time Analyzed: 0959

GC Column: DB-624, 60MID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HPMS5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	G109	D905970	E0602C04	1033
02	G104DL	D905818DL	E0602C05	1113
03	G104	D905818	E0602C06	1156
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COMMENTS:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C07

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (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	56	
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	12	
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	30	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	18	
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	5	J
108-90-7	Chlorobenzene	24000	E
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: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C07

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (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. 75-45-6	METHANE, CHLORODIFLUORO-	4.74	6	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604DL

Sample wt/vol: 2.500 (g/mL) ML Lab File ID: E0525C12

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (mm) Dilution Factor: 400.0

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	8000	U
74-83-9	Bromomethane	8000	U
75-01-4	Vinyl chloride	8000	U
75-00-3	Chloroethane	8000	U
75-09-2	Methylene chloride	8000	U
67-64-1	Acetone	8000	U
75-15-0	Carbon disulfide	8000	U
75-35-4	1,1-Dichloroethene	8000	U
75-34-3	1,1-Dichloroethane	8000	U
54-59-0	1,2-Dicholoroethene(total)	8000	U
67-66-3	Chloroform	8000	U
107-06-2	1,2-Dichloroethane	8000	U
78-93-3	2-Butanone	8000	U
71-55-6	1,1,1-Trichloroethane	8000	U
56-23-5	Carbon tetrachloride	8000	U
75-27-4	Bromodichloromethane	8000	U
78-87-5	1,2-Dichloropropane	8000	U
10061-01-5	cis-1,3-Dichloropropene	8000	U
79-01-6	Trichloroethene	8000	U
124-48-1	Dibromochloromethane	8000	U
79-00-5	1,1,2-Trichloroethane	8000	U
71-43-2	Benzene	8000	U
10061-02-6	trans-1,3-Dichloropropene	8000	U
75-25-2	Bromoform	8000	U
108-10-1	4-Methyl-2-pentanone	8000	U
591-78-6	2-Hexanone	8000	U
127-18-4	Tetrachloroethene	8000	U
79-34-5	1,1,2,2-Tetrachloroethane	8000	U
108-88-3	Toluene	8000	U
108-90-7	Chlorobenzene	130000	D
100-41-4	Ethylbenzene	8000	U
100-42-5	Styrene	8000	U
1330-20-7	Xylene (total)	8000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G101DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604DL

Sample wt/vol: 2.500 (g/mL) ML Lab File ID: E0525C12

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (mm) Dilution Factor: 400.0

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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C08

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (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	3	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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	44	
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	330	E
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: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C08

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605DL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C11

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (mm) Dilution Factor: 2.0

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	20	U
74-83-9	Bromomethane	20	U
75-01-4	Vinyl chloride	20	U
75-00-3	Chloroethane	20	U
75-09-2	Methylene chloride	20	U
67-64-1	Acetone	5	DJ
75-15-0	Carbon disulfide	20	U
75-35-4	1,1-Dichloroethene	20	U
75-34-3	1,1-Dichloroethane	20	U
54-59-0	1,2-Dicholoroethene(total)	20	U
67-66-3	Chloroform	20	U
107-06-2	1,2-Dichloroethane	20	U
78-93-3	2-Butanone	20	U
71-55-6	1,1,1-Trichloroethane	20	U
56-23-5	Carbon tetrachloride	20	U
75-27-4	Bromodichloromethane	20	U
78-87-5	1,2-Dichloropropane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
79-01-6	Trichloroethene	20	U
124-48-1	Dibromochloromethane	20	U
79-00-5	1,1,2-Trichloroethane	20	U
71-43-2	Benzene	42	D
10061-02-6	trans-1,3-Dichloropropene	20	U
75-25-2	Bromoform	20	U
108-10-1	4-Methyl-2-pentanone	20	U
591-78-6	2-Hexanone	20	U
127-18-4	Tetrachloroethene	20	U
79-34-5	1,1,2,2-Tetrachloroethane	20	U
108-88-3	Toluene	20	U
108-90-7	Chlorobenzene	260	D
100-41-4	Ethylbenzene	20	U
100-42-5	Styrene	20	U
1330-20-7	Xylene (total)	20	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G102DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605DL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C11

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (mm) Dilution Factor: 2.0

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
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905606

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C06

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (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	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905606

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C06

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818

Sample wt/vol: 0.250 (g/mL) ML Lab File ID: E0602C06

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 06/02/99

GC Column: DB-624, 60M ID: 0.25 (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	200	U
74-83-9	Bromomethane	200	U
75-01-4	Vinyl chloride	200	U
75-00-3	Chloroethane	200	U
75-09-2	Methylene chloride	30	J
67-64-1	Acetone	320	
75-15-0	Carbon disulfide	200	U
75-35-4	1,1-Dichloroethene	200	U
75-34-3	1,1-Dichloroethane	200	U
54-59-0	1,2-Dicholoroethene(total)	200	U
67-66-3	Chloroform	150	J
107-06-2	1,2-Dichloroethane	200	U
78-93-3	2-Butanone	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon tetrachloride	200	U
75-27-4	Bromodichloromethane	200	U
78-87-5	1,2-Dichloropropane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
79-01-6	Trichloroethene	31	J
124-48-1	Dibromochloromethane	200	U
79-00-5	1,1,2-Trichloroethane	200	U
71-43-2	Benzene	11000	E
10061-02-6	trans-1,3-Dichloropropene	200	U
75-25-2	Bromoform	200	U
108-10-1	4-Methyl-2-pentanone	420	
591-78-6	2-Hexanone	200	U
127-18-4	Tetrachloroethene	200	U
79-34-5	1,1,2,2-Tetrachloroethane	200	U
108-88-3	Toluene	1000	
108-90-7	Chlorobenzene	12000	E
100-41-4	Ethylbenzene	200	U
100-42-5	Styrene	200	U
1330-20-7	Xylene (total)	200	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818

Sample wt/vol: 0.250 (g/mL) ML Lab File ID: E0602C06

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 06/02/99

GC Column: DB-624, 60M ID: 0.25 (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.	UNKNOWN	8.84	210	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818DL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0602C05

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 06/02/99

GC Column: DB-624, 60M ID: 0.25 (mm) Dilution Factor: 100.0

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	1000	U
74-83-9	Bromomethane	1000	U
75-01-4	Vinyl chloride	1000	U
75-00-3	Chloroethane	1000	U
75-09-2	Methylene chloride	1000	U
67-64-1	Acetone	390	DJ
75-15-0	Carbon disulfide	1000	U
75-35-4	1,1-Dichloroethene	1000	U
75-34-3	1,1-Dichloroethane	1000	U
54-59-0	1,2-Dicholoroethene(total)	1000	U
67-66-3	Chloroform	1000	U
107-06-2	1,2-Dichloroethane	1000	U
78-93-3	2-Butanone	1000	U
71-55-6	1,1,1-Trichloroethane	1000	U
56-23-5	Carbon tetrachloride	1000	U
75-27-4	Bromodichloromethane	1000	U
78-87-5	1,2-Dichloropropane	1000	U
10061-01-5	cis-1,3-Dichloropropene	1000	U
79-01-6	Trichloroethene	1000	U
124-48-1	Dibromochloromethane	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U
71-43-2	Benzene	13000	D
10061-02-6	trans-1,3-Dichloropropene	1000	U
75-25-2	Bromoform	1000	U
108-10-1	4-Methyl-2-pentanone	360	DJ
591-78-6	2-Hexanone	1000	U
127-18-4	Tetrachloroethene	1000	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U
108-88-3	Toluene	900	DJ
108-90-7	Chlorobenzene	14000	D
100-41-4	Ethylbenzene	1000	U
100-42-5	Styrene	1000	U
1330-20-7	Xylene (total)	1000	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G104DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818DL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0602C05

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 06/02/99

GC Column: DB-624, 60M ID: 0.25 (mm) Dilution Factor: 100.0

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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G106

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905946

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0528C15

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: not dec. _____ Date Analyzed: 05/28/99

GC Column: DB-624, 60M ID: 0.25 (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	2	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G106

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905946

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0528C15

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: not dec. _____ Date Analyzed: 05/28/99

GC Column: DB-624, 60M ID: 0.25 (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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G107

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905947

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0528C17

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: not dec. _____ Date Analyzed: 05/28/99

GC Column: DB-624, 60M ID: 0.25 (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	5	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G107

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905947

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0528C17

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: not dec. _____ Date Analyzed: 05/28/99

GC Column: DB-624, 60M ID: 0.25 (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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G108

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905810

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C11

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	4	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(total)	2	J
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.

G108

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905810

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C11

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G109

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905970

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0602C04

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: not dec. _____ Date Analyzed: 06/02/99

GC Column: DB-624, 60M ID: 0.25 (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	2	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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.

G109

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905970

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0602C04

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: not dec. _____ Date Analyzed: 06/02/99

GC Column: DB-624, 60M ID: 0.25 (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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G110

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905813

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C18

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	20	
75-15-0	Carbon disulfide	2	J
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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	2	J
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	2	J
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.

G110

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905813

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C18

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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.	UNKNOWN	5.46	6	J
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G111

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905607

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C10

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (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	3	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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	11	
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	32	
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.

G111

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905607

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C10

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (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
1.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G112

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905730

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C09

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	18	
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	16	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	2	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G112

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905730

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C09

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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.	UNKNOWN HYDROCARBON	5.46	11	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G113

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C07

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	5	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	4	J
54-59-0	1,2-Dicholoroethene(total)	1	J
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	54	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	1	J
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	18	
108-90-7	Chlorobenzene	8	J
100-41-4	Ethylbenzene	140	
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	1300	E

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G113

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C07

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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
1.				
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G113DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731DL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C12

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (mm) Dilution Factor: 10.0

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	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene chloride	100	U
67-64-1	Acetone	34	DJ
75-15-0	Carbon disulfide	100	U
75-35-4	1,1-Dichloroethene	100	U
75-34-3	1,1-Dichloroethane	100	U
54-59-0	1,2-Dicholoroethene(total)	100	U
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	100	U
56-23-5	Carbon tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
79-01-6	Trichloroethene	100	U
124-48-1	Dibromochloromethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
71-43-2	Benzene	48	DJ
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-88-3	Toluene	18	DJ
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	150	D
100-42-5	Styrene	100	U
1330-20-7	Xylene (total)	2000	D

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G113DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731DL

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C12

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (mm) Dilution Factor: 10.0

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
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G114

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905732

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C06

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	2	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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	2	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.

G114

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905732

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C06

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G114MS

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905732MS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C13

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	3	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	51	
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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	2	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	51	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	53	
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	49	
108-90-7	Chlorobenzene	50	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	2	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G114MSD

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905733MSD

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C14

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	3	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	50	
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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	2	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	51	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	52	
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	49	
108-90-7	Chlorobenzene	50	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G115

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905733

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C05

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	2	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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	3	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.

G115

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905733

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C05

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G116

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905874

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C16

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	8	J
75-15-0	Carbon disulfide	8	J
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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	58	
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	73	
100-41-4	Ethylbenzene	1	J
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	5	J

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G116

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905874

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C16

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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.	UNKNOWN	5.46	6	J
2. 60-29-7	ETHER	7.80	25	NJ
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G117

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905948

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0528C19

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: not dec. _____ Date Analyzed: 05/28/99

GC Column: DB-624, 60M ID: 0.25 (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	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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.

G117

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905948

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0528C19

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: not dec. _____ Date Analyzed: 05/28/99

GC Column: DB-624, 60M ID: 0.25 (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
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKFB

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905814

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C15

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	2	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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.

VBLKFB

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905814

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C15

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKTB1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905734

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C04

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	9	J
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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.

VBLKTB1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905734

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C04

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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.	75-07-0	ACETALDEHYDE	5.81	29	NJ
2.					
3.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKTB2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905821

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C10

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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.

VBLKTB2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905821

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C10

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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.	75-07-0	ACETALDEHYDE	5.82	31	NJ
2.					
3.					
4.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: VBLK052599

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C03

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (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	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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.

VBLKW1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: VBLK052599

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0525C03

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/25/99

GC Column: DB-624, 60M ID: 0.25 (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
1.					
2.					
3.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: VBLK052799

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C03

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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.

VBLKW2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: VBLK052799

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0527C03

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/27/99

GC Column: DB-624, 60M ID: 0.25 (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
1.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW3

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: VBLKW052899

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0528C03

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/28/99

GC Column: DB-624, 60M ID: 0.25 (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	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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.

VBLKW3

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: VBLKW052899

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0528C03

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 05/28/99

GC Column: DB-624, 60M ID: 0.25 (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
1.					
2.					
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW4

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: VBLK060299

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0602C03

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/02/99

GC Column: DB-624, 60M ID: 0.25 (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	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
54-59-0	1,2-Dicholoroethene(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.

VBLKW4

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: VBLK060299

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: E0602C03

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/02/99

GC Column: DB-624, 60M ID: 0.25 (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
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2C
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

	EPA SAMPLE NO.	S1 (NBZ)#	S2 (FBP)#	S3 (TPH)#	S4 (PHL)#	S5 (2FP)#	S6 (TBP)#	S7 (2CP)#	S8 (DCB)#	TOT OUT
01	SBLKW1	80	76	87	88	74	113	82	73	0
02	G111	76	74	83	80	66	127*	73	58	1
03	G103	74	74	76	74	71	116	76	70	0
04	G101	87	99	78	84	65	140*	79	72	1
05	SBLKW2	75	69	78	89	75	106	80	60	0
06	G114	70	67	78	64	62	112	66	56	0
07	G115	69	67	88	79	67	111	73	63	0
08	G108	76	69	70	73	65	93	74	57	0
09	G112	78	81	89	72	66	137*	72	61	1
10	G102	96	86	79	111*	90	136*	96	81	2
11	SBLKW3	87	78	73	97	91	116	100	73	0
12	FB	55	52	53	54	53	68	57	48	0
13	G106	90	86	67	103	88	134*	97	75	1
14	G107	88	82	57	102	85	127*	93	68	1
15	G113	93	79	61	98	96	127*	102	82	1
16	G116	93	93	41	85	100	143*	110	58	1
17	SBLKW4	82	61	87	94	76	105	84	46	0
18	G109	81	68	59	98	79	108	86	56	0
19	G109MS	94	77	82	101	84	126*	91	63	1
20	G109MSD	84	75	77	97	80	124*	88	46	1
21	G117	80	60	67	94	76	113	84	54	0
22	G102DL	98	104	92	124D	90	88	113D	82	0
23	G101DL	86	97	92	106	85	124D	103	86	0
24	G113DL	80	81	62	109	81	110	93	65	0
25	G112DL	82	93	106	109	81	142D	89	57	0
26	G104	80	52	52	107	79	13	64	35	0
27	G116DL	90	95	40	104	84	119	95	76	0
28	G104DL	0D	0D	0D	0D	0D	0D	0D	0D	0
29	G110	94	93	75	110	93	137*	99	72	1
30										

			QC LIMITS	
S1	(NBZ)	= Nitrobenzene-d5	(35-114)	
S2	(FBP)	= 2-Fluorobiphenyl	(43-116)	
S3	(TPH)	= Terphenyl-d14	(33-141)	
S4	(PHL)	= Phenol-d5	(10-110)	
S5	(2FP)	= 2-Fluorophenol	(31-110)	
S6	(TBP)	= 2,4,6-Tribromophenol	(10-123)	
S7	(2CP)	= 2-Chlorophenol-d4	(33-110)	(advisory)
S8	(DCB)	= 1,2-Dichlorobenzene-d4	(16-110)	(advisory)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

3C

WATER SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix Spike - EPA Sample No.: G109

COMPOUND	SPIKE ADDED (UG/L)	SAMPLE CONCENTRATION (UG/L)	MS CONCENTRATION (UG/L)	MS % REC #	QC. LIMITS REC.
Phenol	150	0	140	93	12-110
2-Chlorophenol	150	0	130	87	27-123
1,4-Dichlorobenzene	100	0	77	77	36- 97
N-Nitroso-Di-N-Prop.(1)	100	0	98	98	41-116
1,2,4-Trichlorobenzene	100	0	78	78	39- 98
4-Chloro-3-Methylphenol	150	0	150	100*	23- 97
Acenaphthene	100	0	97	97	46-118
4-Nitrophenol	150	0	180	120*	10- 80
2,4-Dinitrotoluene	100	0	110	110*	24- 96
Pentachlorophenol	150	0	230	153*	9-103
Pyrene	100	0	93	93	26-127

COMPOUND	SPIKE ADDED (UG/L)	MSD CONCENTRATION (UG/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	150	130	87	7	42	12-110
2-Chlorophenol	150	130	87	0	40	27-123
1,4-Dichlorobenzene	100	71	71	8	28	36- 97
N-Nitroso-Di-N-Prop.(1)	100	96	96	2	38	41-116
1,2,4-Trichlorobenzene	100	70	70	11	28	39- 98
4-Chloro-3-Methylphenol	150	140	93	7	42	23- 97
Acenaphthene	100	95	95	2	31	46-118
4-Nitrophenol	150	190	127*	6	50	10- 80
2,4-Dinitrotoluene	100	100	100*	10	38	24- 96
Pentachlorophenol	150	230	153*	0	50	9-103
Pyrene	100	93	93	0	31	26-127

(1) N-Nitroso-di-n-propylamine
Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 11 outside limits
Spike Recovery: 7 out of 22 outside limits

COMMENTS: _____

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKW1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab File ID: H0528E03 Lab Sample ID: D905795

Instrument ID: HPMS3 Date Extracted: 05/26/99

Matrix: (soil/water) WATER Date Analyzed: 05/28/99

Level:(low/med) LOW Time Analyzed: 1019

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	G111	D905607	H0528E04	05/28/99
02	G103	D905606	H0528E05	05/28/99
03	G101	D905604	H0528E06	05/28/99
04	G112	D905730	H0528E11	05/28/99
05	G102	D905605	H0528E12	05/28/99
06	G102DL	D905605	H0602E08	06/02/99
07	G101DL	D905604	H0602E09	06/02/99
08	G112DL	D905730	H0602E11	06/02/99
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKW2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab File ID: H0528E07 Lab Sample ID: D905902

Instrument ID: HPMS3 Date Extracted: 05/27/99

Matrix: (soil/water) WATER Date Analyzed: 05/28/99

Level:(low/med) LOW Time Analyzed: 1419

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	G114	D905732	H0528E08	05/28/99
02	G115	D905733	H0528E09	05/28/99
03	G108	D905810	H0528E10	05/28/99
04	G113	D905731	H0601E08	06/01/99
05	G113DL	D905731	H0602E10	06/02/99
06	G110	D905813	H0603E06	06/03/99
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKW3

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab File ID: H0601E03 Lab Sample ID: D905969

Instrument ID: HPMS3 Date Extracted: 05/28/99

Matrix: (soil/water) WATER Date Analyzed: 06/01/99

Level:(low/med) LOW Time Analyzed: 1103

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	FB	D905814	H0601E04	06/01/99
02	G106	D905946	H0601E05	06/01/99
03	G107	D905947	H0601E06	06/01/99
04	G116	D905945	H0601E09	06/01/99
05	G104	D905818	H0602E13	06/02/99
06	G116DL	D905945	H0603E03	06/03/99
07	G104DL	D905818	H0603E04	06/03/99
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COMMENTS:

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLKW4

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab File ID: H0602E03 Lab Sample ID: D905997

Instrument ID: HPMS3 Date Extracted: 06/01/99

Matrix: (soil/water) WATER Date Analyzed: 06/02/99

Level:(low/med) LOW Time Analyzed: 1052

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	G109	D905970	H0602E04	06/02/99
02	G109MS	D905996	H0602E05	06/02/99
03	G109MSD	D905996	H0602E06	06/02/99
04	G117	D905948	H0602E07	06/02/99
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COMMENTS:

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E06

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted:05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.1

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	630	E
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	3	J
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E06

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	4	J
7005-72-3	4-Chlorophenyl Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E06

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.1

Number TICs found: 6

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	111-76-2	2-BUTOXYETHANOL	10.99	10	NJ
2.	108-86-1	BROMOBENZENE	11.81	11	NJ
3.		UNK. TRICHLORO PROPENE	12.35	7	~~JB~~ 4
4.	98-86-2	ACETOPHENONE	16.37	3	NJ
5.	106-48-9	4-CHLOROPHENOL	20.29	110	NJ
6.	87-41-2	1(3H)-ISOBENZOFURANONE	23.57	4	NJ
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E09

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 8.1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	200	U
111-44-4	bis(2-Chloroethyl)Ether	200	U
95-57-8	2-Chlorophenol	920	D
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
95-48-7	2-Methylphenol	200	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	200	U
106-44-5	4-Methylphenol	200	U
621-64-7	N-Nitroso-Di-N-Propylamine	200	U
67-72-1	Hexachloroethane	200	U
98-95-3	Nitrobenzene	200	U
78-59-1	Isophorone	200	U
88-75-5	2-Nitrophenol	200	U
105-67-9	2,4-Dimethyphenol	200	U
111-91-1	bis(2-Chloroethoxy)Methane	200	U
120-83-2	2,4-Dichlorophenol	200	U
120-82-1	1,2,4-Trichlorobenzene	200	U
91-20-3	Naphthalene	200	U
106-47-8	4-Chloroaniline	200	U
87-68-3	Hexachlorobutadiene	200	U
59-50-7	4-Chloro-3-Methylphenol	200	U
91-57-6	2-Methylnaphthalene	200	U
77-47-4	Hexachlorocyclopentadiene	200	U
88-06-2	2,4,6-Trichlorophenol	200	U
95-95-4	2,4,5-Trichlorphenol	500	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	500	U
131-11-3	Dimethylphthalate	200	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	200	U
99-09-2	3-Nitroaniline	200	U
83-32-9	Acenaphthene	200	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E09

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 8.1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	500	U
100-02-7	4-Nitrophenol	200	U
132-64-9	Dibenzofuran	200	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	200	U
7005-72-3	4-Chlorophenyl Phenyl Ether	200	U
86-73-7	Fluorene	200	U
100-01-6	4-Nitroaniline	200	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	N-Nitrosodiphenylamine (1)	200	U
101-55-3	4-Bromophenyl-Phenyl Ether	200	U
118-74-1	Hexachlorobenzene	200	U
87-86-5	Pentachlorophenol	500	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
86-74-8	Carbazole	200	U
84-74-2	Di-N-Butylphthalate	200	U
206-44-0	Fluoranthene	200	U
129-00-0	Pyrene	200	U
85-68-7	Butylbenzylphthalate	200	U
91-94-1	3,3'-Dichlorobenzidine	200	U
56-55-3	Benzo(a)Anthracene	200	U
218-01-9	Chrysene	200	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	200	U
117-84-0	Di-n-Octylphthalate	200	U
205-99-2	Benzo(b)Fluoranthene	200	U
207-08-9	Benzo(k)Fluoranthene	200	U
50-32-8	Benzo(a)pyrene	200	U
193-39-5	Indeno(1,2,3-cd)Pyrene	200	U
53-70-3	Dibenzo(a,h)Anthracene	200	U
191-24-2	Benzo(g,h,i)Perylene	200	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G101DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E09

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 8.1

Number TICs found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	106-48-9	4-CHLOROPHENOL	20.43	150	NJD
2.		UNKNOWN ALIP. ACID	21.44	31	JD
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E12

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7

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	4	J
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	23	
95-50-1	1,2-Dichlorobenzene	10	
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
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-Dimethyphenol	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	720	E
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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E12

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E12

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7

Number TICs found: 9

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNK. TRICHLORO PROPENE	12.24	6	~~JB~~ U
2. 95-51-2	2-CHLOROANILINE	18.58	950	NJ
3.	UNKNOWN	21.34	8	J
4.	UNKNOWN	22.30	17	J
5.	UNKNOWN	22.48	15	J
6.	UNKNOWN	23.22	5	J
7.	UNKNOWN	23.69	4	J
8.	UNKNOWN ALIP. ACID	26.61	37	J
9. 88-19-7	2-METHYLBENZENESULFONAMIDE	28.31	63	NJ
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E08

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted:05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) N pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	250	U
111-44-4	bis(2-Chloroethyl)Ether	250	U
95-57-8	2-Chlorophenol	250	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	26	DJ
95-50-1	1,2-Dichlorobenzene	250	U
95-48-7	2-Methylphenol	250	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	250	U
106-44-5	4-Methylphenol	250	U
621-64-7	N-Nitroso-Di-N-Propylamine	250	U
67-72-1	Hexachloroethane	250	U
98-95-3	Nitrobenzene	250	U
78-59-1	Isophorone	250	U
88-75-5	2-Nitrophenol	250	U
105-67-9	2,4-Dimethyphenol	250	U
111-91-1	bis(2-Chloroethoxy)Methane	250	U
120-83-2	2,4-Dichlorophenol	250	U
120-82-1	1,2,4-Trichlorobenzene	250	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	1000	D
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-Methylphenol	250	U
91-57-6	2-Methylnaphthalene	250	U
77-47-4	Hexachlorocyclopentadiene	250	U
88-06-2	2,4,6-Trichlorophenol	250	U
95-95-4	2,4,5-Trichlorphenol	620	U
91-58-7	2-Chloronaphthalene	250	U
88-74-4	2-Nitroaniline	620	U
131-11-3	Dimethylphthalate	250	U
208-96-8	Acenaphthylene	250	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	250	U
83-32-9	Acenaphthene	250	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E08

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) N pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	620	U
100-02-7	4-Nitrophenol	250	U
132-64-9	Dibenzofuran	250	U
121-14-2	2,4-Dinitrotoluene	250	U
84-66-2	Diethylphthalate	250	U
7005-72-3	4-Chlorophenyl Phenyl Ether	250	U
86-73-7	Fluorene	250	U
100-01-6	4-Nitroaniline	250	U
534-52-1	4,6-Dinitro-2-methylphenol	620	U
86-30-6	N-Nitrosodiphenylamine (1)	250	U
101-55-3	4-Bromophenyl-Phenyl Ether	250	U
118-74-1	Hexachlorobenzene	250	U
87-86-5	Pentachlorophenol	620	U
85-01-8	Phenanthrene	250	U
120-12-7	Anthracene	250	U
86-74-8	Carbazole	250	U
84-74-2	Di-N-Butylphthalate	250	U
206-44-0	Fluoranthene	250	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	250	U
91-94-1	3,3'-Dichlorobenzidine	250	U
56-55-3	Benzo(a)Anthracene	250	U
218-01-9	Chrysene	250	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	250	U
117-84-0	Di-n-Octylphthalate	250	U
205-99-2	Benzo(b)Fluoranthene	250	U
207-08-9	Benzo(k)Fluoranthene	250	U
50-32-8	Benzo(a)pyrene	250	U
193-39-5	Indeno(1,2,3-cd)Pyrene	250	U
53-70-3	Dibenzo(a,h)Anthracene	250	U
191-24-2	Benzo(g,h,i)Perylene	250	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G102DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E08

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted:05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) N pH: 7.7

Number TICs found: 3

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	95-51-2	2-CHLOROANILINE	18.33	1600	NJD
2.	88-19-7	2-METHYLBENZENESULFONAMIDE	28.18	66	NJD
3.	70-55-3	4-METHYLBENZENESULFONAMIDE	28.76	160	NJD
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905606

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E05

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 10.3

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905606

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E05

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 10.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	5	J
7005-72-3	4-Chlorophenyl Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

G103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905606

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E05

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 10.3

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNK. TRICHLORO PROPENE	12.24	7	~~JB~~ 4
2.	UNKNOWN ALIP. ACID	26.53	24	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E13

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 100000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	18000	E
111-44-4	bis(2-Chloroethyl)Ether	1000	U
95-57-8	2-Chlorophenol	22000	E
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1200	
95-50-1	1,2-Dichlorobenzene	680	J
95-48-7	2-Methylphenol	1000	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	1000	U
106-44-5	4-Methylphenol	450	J
621-64-7	N-Nitroso-Di-N-Propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	25000	E
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethyphenol	1000	U
111-91-1	bis(2-Chloroethoxy)Methane	1000	U
120-83-2	2,4-Dichlorophenol	86000	E
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	4500	
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-Methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	39000	E
95-95-4	2,4,5-Trichlorphenol	2500	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	160	J
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	1000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E13

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 100000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	2500	U
100-02-7	4-Nitrophenol	3400	
132-64-9	Dibenzofuran	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
7005-72-3	4-Chlorophenyl Phenyl Ether	1000	U
86-73-7	Fluorene	1000	U
100-01-6	4-Nitroaniline	9800	E
534-52-1	4,6-Dinitro-2-methylphenol	2500	U
86-30-6	N-Nitrosodiphenylamine (1)	1000	U
101-55-3	4-Bromophenyl-Phenyl Ether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	2500	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
86-74-8	Carbazole	1000	U
84-74-2	Di-N-Butylphthalate	1000	U
206-44-0	Fluoranthene	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
56-55-3	Benzo(a)Anthracene	1000	U
218-01-9	Chrysene	1000	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	1000	U
117-84-0	Di-n-Octylphthalate	1000	U
205-99-2	Benzo(b)Fluoranthene	1000	U
207-08-9	Benzo(k)Fluoranthene	1000	U
50-32-8	Benzo(a)pyrene	1000	U
193-39-5	Indeno(1,2,3-cd)Pyrene	1000	U
53-70-3	Dibenzo(a,h)Anthracene	1000	U
191-24-2	Benzo(g,h,i)Perylene	1000	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E13

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 100000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.5

Number TICs found: 20

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	62-53-3	ANILINE	13.32	1400	NJ
2.	95-51-2	2-CHLOROANILINE	18.37	17000	NJ
3.		UNK. CHLORO-NITRO BENZENE	21.14	41000	J
4.		UNK. CHLORO-NITRO BENZENE	21.38	36000	J
5.		UNKNOWN	22.93	900	J
6.		UNK. TETRACHLORO PHENOL	27.21	330	J
7.	88-19-7	2-METHYLBENZENESULFONAMIDE	28.23	490	NJ
8.		UNK. DIHYDROXYBIPHENYL	28.85	15000	J
9.		2,4-D COGNER	28.96	1900	J
10.		UNK. HYDROXYBIPHENYL	29.35	1600	J
11.		UNK. HYDROXYBIPHENYL	29.48	1800	J
12.		UNKNOWN	29.62	2200	J
13.		2,4-D COGNER	29.87	2900	J
14.	93-76-5	2,4,5-T	30.91	640	NJ
15.		UNK. DIHYDROXYBIPHENYL	31.40	6200	J
16.		UNK. DIHYDROXYBIPHENYL	31.50	3100	J
17.		UNKNOWN	31.96	380	J
18.	127-63-9	DIPHENYL SULFONE	32.42	320	NJ
19.		UNK. DIHYDROXYBIPHENYL	33.56	1100	J
20.		UNK. DIHYDROXYBIPHENYL	33.65	2200	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0603E04

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 100000(uL) Date Analyzed: 06/03/99

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 6.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	21000	D
111-44-4	bis(2-Chloroethyl)Ether	20000	U
95-57-8	2-Chlorophenol	28000	D
541-73-1	1,3-Dichlorobenzene	20000	U
106-46-7	1,4-Dichlorobenzene	20000	U
95-50-1	1,2-Dichlorobenzene	20000	U
95-48-7	2-Methylphenol	20000	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	20000	U
106-44-5	4-Methylphenol	20000	U
621-64-7	N-Nitroso-Di-N-Propylamine	20000	U
67-72-1	Hexachloroethane	20000	U
98-95-3	Nitrobenzene	28000	D
78-59-1	Isophorone	20000	U
88-75-5	2-Nitrophenol	20000	U
105-67-9	2,4-Dimethyphenol	20000	U
111-91-1	bis(2-Chloroethoxy)Methane	20000	U
120-83-2	2,4-Dichlorophenol	130000	D
120-82-1	1,2,4-Trichlorobenzene	20000	U
91-20-3	Naphthalene	20000	U
106-47-8	4-Chloroaniline	4300	DJ
87-68-3	Hexachlorobutadiene	20000	U
59-50-7	4-Chloro-3-Methylphenol	20000	U
91-57-6	2-Methylnaphthalene	20000	U
77-47-4	Hexachlorocyclopentadiene	20000	U
88-06-2	2,4,6-Trichlorophenol	50000	D
95-95-4	2,4,5-Trichlorphenol	50000	U
91-58-7	2-Chloronaphthalene	20000	U
88-74-4	2-Nitroaniline	50000	U
131-11-3	Dimethylphthalate	20000	U
208-96-8	Acenaphthylene	20000	U
606-20-2	2,6-Dinitrotoluene	20000	U
99-09-2	3-Nitroaniline	20000	U
83-32-9	Acenaphthene	20000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0603E04

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 100000(uL) Date Analyzed: 06/03/99

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 6.5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50000	U
100-02-7	4-Nitrophenol	20000	U
132-64-9	Dibenzofuran	20000	U
121-14-2	2,4-Dinitrotoluene	20000	U
84-66-2	Diethylphthalate	20000	U
7005-72-3	4-Chlorophenyl Phenyl Ether	20000	U
86-73-7	Fluorene	20000	U
100-01-6	4-Nitroaniline	8500	DJ
534-52-1	4,6-Dinitro-2-methylphenol	50000	U
86-30-6	N-Nitrosodiphenylamine (1)	20000	U
101-55-3	4-Bromophenyl-Phenyl Ether	20000	U
118-74-1	Hexachlorobenzene	20000	U
87-86-5	Pentachlorophenol	50000	U
85-01-8	Phenanthrene	20000	U
120-12-7	Anthracene	20000	U
86-74-8	Carbazole	20000	U
84-74-2	Di-N-Butylphthalate	20000	U
206-44-0	Fluoranthene	20000	U
129-00-0	Pyrene	20000	U
85-68-7	Butylbenzylphthalate	20000	U
91-94-1	3,3'-Dichlorobenzidine	20000	U
56-55-3	Benzo(a)Anthracene	20000	U
218-01-9	Chrysene	20000	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	20000	U
117-84-0	Di-n-Octylphthalate	20000	U
205-99-2	Benzo(b)Fluoranthene	20000	U
207-08-9	Benzo(k)Fluoranthene	20000	U
50-32-8	Benzo(a)pyrene	20000	U
193-39-5	Indeno(1,2,3-cd)Pyrene	20000	U
53-70-3	Dibenzo(a,h)Anthracene	20000	U
191-24-2	Benzo(g,h,i)Perylene	20000	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G104DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0603E04

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 100000(uL) Date Analyzed: 06/03/99

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 6.5

Number TICs found: 7

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	95-51-2	2-CHLOROANILINE	18.31	18000	NJD
2.		UNK. CHLORO-NITRO BENZENE	20.99	50000	JD
3.		UNK. CHLORO-NITRO BENZENE	21.23	48000	JD
4.		UNK. CHLORO-NITRO BENZENE	21.41	85000	JD
5.		UNK. HYDROXYBIPHENYL	26.52	9100	JD
6.		UNK. DIHYDROXYBIPHENYL	28.81	8800	JD
7.		UNK. DIHYDROXYBIPHENYL	31.37	4500	JD
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G106

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905946

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E05

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G106

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905946

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E05

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

G106

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905946

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E05

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	8.38	2	~~JB~~ U
2.		UNKNOWN	8.98	12	~~JB~~ U
3.		UNKNOWN ALIP. KETONE	11.64	3	~~JB~~ U
4.		UNKNOWN ALIP. ACID	26.51	12	J
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ST 1/14/03

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G107

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905947

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E06

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

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
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-Dimethyphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	11	
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	6	J
95-95-4	2,4,5-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G107

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905947

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E06

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

G107

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905947

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E06

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

Number TICs found: 11

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.37	3	~~JB~~ U
2.	UNKNOWN	8.98	11	~~JB~~ U
3.	UNKNOWN	10.09	4	J
4.	UNKNOWN ALIP. KETONE	11.64	4	~~JB~~ U
5.	UNKNOWN ALIP. ACID	26.56	32	J
6. 88-19-7	2-METHYLBENZENESULFONAMIDE	28.22	3	NJ
7.	UNKNOWN	28.70	12	J
8.	UNKNOWN	29.05	6	J
9.	UNKNOWN	29.14	6	J
10.	UNKNOWN	29.52	8	J
11.	UNKNOWN	31.68	4	J
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BT 1/14/02

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G108

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905810

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E10

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G108

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905810

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E10

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

G108

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905810

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E10

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNK. TRICHLORO PROPENE	12.24	7	~~JB~~ U
2.		UNKNOWN ALIP. ACID	26.51	13	J
3.		UNKNOWN	36.10	4	J
4.	791-28-6	PHOSPHINE OXIDE, TRIPHENYL-	39.18	25	NJ
5.					
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JB 11/4/03

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G109

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905970

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E04

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G109

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905970

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E04

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

G109

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905970

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E04

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.34	2	~~JB~~ U
2.	UNKNOWN	8.94	14	~~JB~~ U
3.	UNKNOWN	10.07	7	~~JB~~ U
4.	UNKNOWN	12.20	8	~~JB~~ U
5.	UNKNOWN	18.74	4	~~JB~~ U
6.	UNKNOWN	39.09	6	J
7.				
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ST 1/14/03

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G109MS

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905996

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E05

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	140	
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	130	
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	77	
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	98	
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-Dimethyphenol	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	78	
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	150	
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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	97	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G109MS

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905996

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E05

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	180	E
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	110	
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	230	E
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	93	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
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-Octylphthalate	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	Dibenzo(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G109MSD

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905996

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E06

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	130	
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	130	
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	71	
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	96	
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-Dimethyphenol	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	70	
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	140	
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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	95	

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G109MSD

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905996

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E06

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	190	E
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	100	
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	230	E
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	93	
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
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-Octylphthalate	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	Dibenzo(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G110

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905813

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0603E06

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/03/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	12	
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	5	J
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G110

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905813

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0603E06

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted:05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/03/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

G110

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905813

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0603E06

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted:05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/03/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.9

Number TICs found: 27

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.34	4	J
2.	UNKNOWN	10.29	6	J
3.	UNKNOWN	11.01	3	J
4.	UNKNOWN	12.20	4	J
5.	UNKNOWN	12.50	3	J
6.	UNKNOWN	15.05	14	J
7.	UNKNOWN ALIP. ALCOHOL	15.15	160	J
8.	UNKNOWN	16.68	10	J
9.	UNKNOWN	19.64	5	J
10.	UNKNOWN	20.65	3	J
11.	UNKNOWN	21.53	250	J
12.	UNKNOWN	22.63	8	J
13.	UNKNOWN	23.67	74	J
14.	UNKNOWN	25.67	1100	J
15.	UNKNOWN	27.18	6	J
16.	UNKNOWN	27.39	32	J
17.	UNKNOWN	28.09	11	J
18. 88-19-7	2-METHYLBENZENESULFONAMIDE	28.32	57	NJ
19.	UNKNOWN	29.14	130	J
20.	UNKNOWN	29.43	24	J
21.	UNKNOWN	30.14	20	J
22.	UNKNOWN	30.66	25	J
23.	UNKNOWN	31.46	18	J
24.	UNKNOWN	31.70	200	J
25.	UNKNOWN	33.15	13	J
26.	UNKNOWN	33.60	12	J
27.	UNKNOWN	34.80	40	J
28.				
29.				
30.				

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G111

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905607

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E04

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G111

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905607

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E04

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	15	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
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-Octylphthalate	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	Dibenzo(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.

G111

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905607

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E04

Level: (low/med) LOW Date Received: 05/25/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

Number TICs found: 3

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	8.98	4	~~JB~~ U
2.		UNK. TRICHLORO PROPENE	12.25	11	~~JB~~ U
3.		UNKNOWN	18.79	4	~~JB~~ U
4.					
5.					
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ST 1/14/03

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G112

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905730

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E11

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.9

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	3	J
106-46-7	1,4-Dichlorobenzene	12	
95-50-1	1,2-Dichlorobenzene	16	
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
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	11	
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethyphenol	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-Trichlorphenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	17	J
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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G112

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905730

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E11

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	260	E
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
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-Octylphthalate	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	Dibenzo(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.

G112

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905730

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E11

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.9

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNK. TRICHLORO PROPENE	12.24	7	~~JB~~ U
2. 95-51-2	2-CHLOROANILINE	18.35	3	NJ
3.	UNKNOWN	20.68	3	J
4.	UNKNOWN	24.13	5	J
5.	UNKNOWN	25.90	14	J
6.				
7.				
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9.				
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ST 1/14/03

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G112DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905730

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E11

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	100	U
111-44-4	bis(2-Chloroethyl)Ether	100	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	16	DJ
95-50-1	1,2-Dichlorobenzene	15	DJ
95-48-7	2-Methylphenol	100	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	100	U
106-44-5	4-Methylphenol	100	U
621-64-7	N-Nitroso-Di-N-Propylamine	100	U
67-72-1	Hexachloroethane	100	U
98-95-3	Nitrobenzene	12	DJ
78-59-1	Isophorone	100	U
88-75-5	2-Nitrophenol	100	U
105-67-9	2,4-Dimethyphenol	100	U
111-91-1	bis(2-Chloroethoxy)Methane	100	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	100	U
91-20-3	Naphthalene	100	U
106-47-8	4-Chloroaniline	100	U
87-68-3	Hexachlorobutadiene	100	U
59-50-7	4-Chloro-3-Methylphenol	100	U
91-57-6	2-Methylnaphthalene	100	U
77-47-4	Hexachlorocyclopentadiene	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorphenol	250	U
91-58-7	2-Chloronaphthalene	100	U
88-74-4	2-Nitroaniline	18	DJ
131-11-3	Dimethylphthalate	100	U
208-96-8	Acenaphthylene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G112DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905730

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E11

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 6.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	250	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	100	U
121-14-2	2,4-Dinitrotoluene	100	U
84-66-2	Diethylphthalate	100	U
7005-72-3	4-Chlorophenyl Phenyl Ether	100	U
86-73-7	Fluorene	100	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
86-30-6	N-Nitrosodiphenylamine (1)	100	U
101-55-3	4-Bromophenyl-Phenyl Ether	100	U
118-74-1	Hexachlorobenzene	100	U
87-86-5	Pentachlorophenol	280	D
85-01-8	Phenanthrene	100	U
120-12-7	Anthracene	100	U
86-74-8	Carbazole	100	U
84-74-2	Di-N-Butylphthalate	100	U
206-44-0	Fluoranthene	100	U
129-00-0	Pyrene	100	U
85-68-7	Butylbenzylphthalate	100	U
91-94-1	3,3'-Dichlorobenzidine	100	U
56-55-3	Benzo(a)Anthracene	100	U
218-01-9	Chrysene	100	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	100	U
117-84-0	Di-n-Octylphthalate	100	U
205-99-2	Benzo(b)Fluoranthene	100	U
207-08-9	Benzo(k)Fluoranthene	100	U
50-32-8	Benzo(a)pyrene	100	U
193-39-5	Indeno(1,2,3-cd)Pyrene	100	U
53-70-3	Dibenzo(a,h)Anthracene	100	U
191-24-2	Benzo(g,h,i)Perylene	100	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G112DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905730

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E11

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 6.9

Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	27.23	64	JD
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G113

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E08

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted:05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

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	4	J
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	11	
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
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-Dimethyphenol	38	
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	450	E
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	76	
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G113

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E08

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

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
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	12	
7005-72-3	4-Chlorophenyl Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-N-Butylphthalate	49	
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	30	
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	20	
117-84-0	Di-n-Octylphthalate	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	Dibenzo(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.

G113

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E08

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted:05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 26

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNK. C3-SUBSTITUTED BENZENE	11.50	25	J
2.		UNKNOWN ALIP. KETONE	12.11	39	J
3.		UNK. C3-SUBSTITUTED BENZENE	12.56	48	J
4.		UNK. C3-SUBSTITUTED BENZENE	12.87	300	J
5.		UNK. C3-SUBSTITUTED BENZENE	13.10	130	J
6.		UNK. C3-SUBSTITUTED BENZENE	13.19	26	J
7.		UNK. C3-SUBSTITUTED BENZENE	13.48	33	J
8.		UNK. C3-SUBSTITUTED BENZENE	14.01	420	J
9.		UNK. C3-SUBSTITUTED BENZENE	14.98	270	J
10.	496-11-7	INDANE	15.41	56	NJ
11.		UNK. C4-SUBSTITUTED BENZENE	15.91	58	J
12.		UNKNOWN	16.07	29	J
13.		UNK. C4-SUBSTITUTED BENZENE	16.16	73	J
14.		UNK. C4-SUBSTITUTED BENZENE	16.43	44	J
15.		UNK. C4-SUBSTITUTED BENZENE	16.80	69	J
16.		UNK. C4-SUBSTITUTED BENZENE	17.73	61	J
17.		UNK. C4-SUBSTITUTED BENZENE	18.05	110	J
18.		UNK. C4-SUBSTITUTED BENZENE	18.19	160	J
19.		UNK. DIHYDRO METHYL INDENE	18.75	48	J
20.		UNK. DIHYDRO METHYL INDENE	19.08	45	J
21.		UNK. C5-SUBSTITUTED BENZENE	20.31	20	J
22.	90-12-0	1-METHYLNAPHTHALENE	22.92	66	NJ
23.		UNK. DIMETHYL NAPHTHALENE	24.97	26	J
24.		UNK. DIMETHYL NAPHTHALENE	25.03	21	J
25.		UNKNOWN	26.92	25	J
26.		UNKNOWN PHENOL	35.36	23	J
27.					
28.					
29.					
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G113DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E10

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 10.0

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	100	U
111-44-4	bis(2-Chloroethyl)Ether	100	U
95-57-8	2-Chlorophenol	100	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
95-50-1	1,2-Dichlorobenzene	100	U
95-48-7	2-Methylphenol	100	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	100	U
106-44-5	4-Methylphenol	100	U
621-64-7	N-Nitroso-Di-N-Propylamine	100	U
67-72-1	Hexachloroethane	100	U
98-95-3	Nitrobenzene	100	U
78-59-1	Isophorone	100	U
88-75-5	2-Nitrophenol	100	U
105-67-9	2,4-Dimethyphenol	33	DJ
111-91-1	bis(2-Chloroethoxy)Methane	100	U
120-83-2	2,4-Dichlorophenol	100	U
120-82-1	1,2,4-Trichlorobenzene	100	U
91-20-3	Naphthalene	550	D
106-47-8	4-Chloroaniline	100	U
87-68-3	Hexachlorobutadiene	100	U
59-50-7	4-Chloro-3-Methylphenol	100	U
91-57-6	2-Methylnaphthalene	78	DJ
77-47-4	Hexachlorocyclopentadiene	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
95-95-4	2,4,5-Trichlorphenol	250	U
91-58-7	2-Chloronaphthalene	100	U
88-74-4	2-Nitroaniline	250	U
131-11-3	Dimethylphthalate	100	U
208-96-8	Acenaphthylene	100	U
606-20-2	2,6-Dinitrotoluene	100	U
99-09-2	3-Nitroaniline	100	U
83-32-9	Acenaphthene	100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G113DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E10

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	250	U
100-02-7	4-Nitrophenol	100	U
132-64-9	Dibenzofuran	100	U
121-14-2	2,4-Dinitrotoluene	100	U
84-66-2	Diethylphthalate	11	DJ
7005-72-3	4-Chlorophenyl Phenyl Ether	100	U
86-73-7	Fluorene	100	U
100-01-6	4-Nitroaniline	100	U
534-52-1	4,6-Dinitro-2-methylphenol	250	U
86-30-6	N-Nitrosodiphenylamine (1)	100	U
101-55-3	4-Bromophenyl-Phenyl Ether	100	U
118-74-1	Hexachlorobenzene	100	U
87-86-5	Pentachlorophenol	250	U
85-01-8	Phenanthrene	100	U
120-12-7	Anthracene	100	U
86-74-8	Carbazole	100	U
84-74-2	Di-N-Butylphthalate	47	DJ
206-44-0	Fluoranthene	100	U
129-00-0	Pyrene	100	U
85-68-7	Butylbenzylphthalate	28	DJ
91-94-1	3,3'-Dichlorobenzidine	100	U
56-55-3	Benzo(a)Anthracene	100	U
218-01-9	Chrysene	100	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	18	DJ
117-84-0	Di-n-Octylphthalate	100	U
205-99-2	Benzo(b)Fluoranthene	100	U
207-08-9	Benzo(k)Fluoranthene	100	U
50-32-8	Benzo(a)pyrene	100	U
193-39-5	Indeno(1,2,3-cd)Pyrene	100	U
53-70-3	Dibenzo(a,h)Anthracene	100	U
191-24-2	Benzo(g,h,i)Perylene	100	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G113DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E10

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 10.0

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.		UNK. C3-SUBSTITUTED BENZENE	11.44	25	JD
2.		UNKNOWN ALIP. KETONE	12.05	40	JD
3.		UNK. C3-SUBSTITUTED BENZENE	12.49	54	JD
4.		UNK. C3-SUBSTITUTED BENZENE	12.78	340	JD
5.		UNK. C3-SUBSTITUTED BENZENE	13.02	140	JD
6.		UNK. C3-SUBSTITUTED BENZENE	13.42	36	JD
7.		UNK. C3-SUBSTITUTED BENZENE	13.90	450	JD
8.		UNK. C3-SUBSTITUTED BENZENE	14.90	290	JD
9.		UNK. C4-SUBSTITUTED BENZENE	15.81	20	JD
10.		UNK. C4-SUBSTITUTED BENZENE	17.98	100	JD
11.		UNK. C4-SUBSTITUTED BENZENE	18.11	150	JD
12.		UNK. DIHYDRO METHYL INDENE	18.68	51	JD
13.	90-12-0	1-METHYLNAPHTHALENE	22.86	72	NJD
14.		UNK. DIMETHYL NAPHTHALENE	24.92	33	JD
15.		UNKNOWN	28.40	560	JD
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G114

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905732

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E08

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted:05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G114

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905732

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E08

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

G114

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905732

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E08

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	8.98	3	~~JB~~ U
2.		UNK. TRICHLORO PROPENE	12.25	14	~~JB~~ U
3.		UNKNOWN	18.79	4	~~JB~~ U
4.		UNKNOWN	41.22	5	J
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ST 1/14/03

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G115

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905733

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E09

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G115

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905733

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E09

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

G115

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905733

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E09

Level: (low/med) LOW Date Received: 05/26/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

Number TICs found: 4

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	8.97	7	JB U
2.		UNK. TRICHLORO PROPENE	12.24	10	JB U
3.		UNKNOWN	18.79	3	JB U
4.		UNKNOWN	41.22	5	J
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1/14/03

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G116

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905945

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E09

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

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	6	J
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
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-Dimethyphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	7	J
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	260	E
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	5	J
95-95-4	2,4,5-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G116

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905945

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E09

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

G116

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905945

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E09

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6

Number TICs found: 24

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	8.41	4	~~JB~~ 4
2.		UNKNOWN DIMETHYLTHIOPHENE	9.77	4	J
3.		UNKNOWN	10.12	6	J
4.		UNKNOWN	10.66	3	J
5.		UNKNOWN	10.89	5	J
6.		UNKNOWN	11.18	14	J
7.		UNK. C3-SUBSTITUTED BENZENE	11.51	3	J
8.		UNKNOWN	11.90	6	J
9.		UNKNOWN	12.21	3	J
10.		UNKNOWN	12.54	7	J
11.		UNKNOWN	14.02	4	J
12.		UNKNOWN	15.37	1500	J
13.		UNKNOWN	16.21	11	J
14.		UNKNOWN	16.57	33	J
15.	7341-17-5	2-ETHYL-1-HEXANETHIOL	16.80	490	NJ
16.	95-51-2	2-CHLOROANILINE	18.46	620	NJ
17.		UNKNOWN PHENOL	22.45	15	J
18.		UNKNOWN	22.86	13	J
19.		UNKNOWN	25.60	96	J
20.		UNKNOWN	26.40	21	J
21.		UNKNOWN	27.47	120	J
22.		UNKNOWN	28.80	53	J
23.		UNKNOWN	33.67	84	J
24.		UNKNOWN	39.87	21	J
25.					
26.					
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28.					
29.					
30.					

ST 1/14/03

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G116DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905945

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0603E03

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/03/99

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 6.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	200	U
111-44-4	bis(2-Chloroethyl)Ether	200	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
95-48-7	2-Methylphenol	200	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	200	U
106-44-5	4-Methylphenol	200	U
621-64-7	N-Nitroso-Di-N-Propylamine	200	U
67-72-1	Hexachloroethane	200	U
98-95-3	Nitrobenzene	200	U
78-59-1	Isophorone	200	U
88-75-5	2-Nitrophenol	200	U
105-67-9	2,4-Dimethyphenol	200	U
111-91-1	bis(2-Chloroethoxy)Methane	200	U
120-83-2	2,4-Dichlorophenol	200	U
120-82-1	1,2,4-Trichlorobenzene	200	U
91-20-3	Naphthalene	200	U
106-47-8	4-Chloroaniline	1000	D
87-68-3	Hexachlorobutadiene	200	U
59-50-7	4-Chloro-3-Methylphenol	200	U
91-57-6	2-Methylnaphthalene	200	U
77-47-4	Hexachlorocyclopentadiene	200	U
88-06-2	2,4,6-Trichlorophenol	200	U
95-95-4	2,4,5-Trichlorphenol	500	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	500	U
131-11-3	Dimethylphthalate	200	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	200	U
99-09-2	3-Nitroaniline	200	U
83-32-9	Acenaphthene	200	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G116DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905945

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0603E03

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/03/99

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 6.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	500	U
100-02-7	4-Nitrophenol	200	U
132-64-9	Dibenzofuran	200	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	200	U
7005-72-3	4-Chlorophenyl Phenyl Ether	200	U
86-73-7	Fluorene	200	U
100-01-6	4-Nitroaniline	200	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	N-Nitrosodiphenylamine (1)	200	U
101-55-3	4-Bromophenyl-Phenyl Ether	200	U
118-74-1	Hexachlorobenzene	200	U
87-86-5	Pentachlorophenol	500	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
86-74-8	Carbazole	200	U
84-74-2	Di-N-Butylphthalate	200	U
206-44-0	Fluoranthene	200	U
129-00-0	Pyrene	200	U
85-68-7	Butylbenzylphthalate	200	U
91-94-1	3,3'-Dichlorobenzidine	200	U
56-55-3	Benzo(a)Anthracene	200	U
218-01-9	Chrysene	200	U
117-81-7	Bis(2-Ethylhexyl)Phthalate	200	U
117-84-0	Di-n-Octylphthalate	200	U
205-99-2	Benzo(b)Fluoranthene	200	U
207-08-9	Benzo(k)Fluoranthene	200	U
50-32-8	Benzo(a)pyrene	200	U
193-39-5	Indeno(1,2,3-cd)Pyrene	200	U
53-70-3	Dibenzo(a,h)Anthracene	200	U
191-24-2	Benzo(g,h,i)Perylene	200	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G116DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905945

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0603E03

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted:05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/03/99

Injection Volume: 2.0(uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 6.6

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 104-76-7	2-ETHYL-1-HEXANOL	15.10	580	NJD
2. 95-51-2	2-CHLOROANILINE	18.31	410	NJD
3. 123-31-9	HYDROQUINONE	21.94	100	NJD
4. 934-34-9	2(3H)-BENZOTHIAZOLONE	28.84	120	NJD
5.	UNKNOWN	29.09	710	JD
6.	UNKNOWN	33.58	240	JD
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G117

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905948

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E07

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.7

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
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-Dimethyphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	2	J
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	2	J
95-95-4	2,4,5-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G117

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905948

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E07

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

G117

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905948

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E07

Level: (low/med) LOW Date Received: 05/28/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.7

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.93	7	~~JB~~ U
2.	UNKNOWN ALIP. ACID	26.55	15	J
3.	UNKNOWN	29.46	4	J
4.	UNKNOWN	29.75	7	J
5.	UNKNOWN	39.10	5	J
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8/ 1/14/03

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905814

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E04

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905814

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E04

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

FB

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905814

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E04

Level: (low/med) LOW Date Received: 05/27/99

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.97	8	~~JB~~ 4
2.				
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ST 1/13/03

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905795

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E03

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905795

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E03

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

SBLKW1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905795

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E03

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/26/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 6

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	8.98	6	J
2.		UNK. TRICHLORO PROPENE	12.25	26	J
3.		UNKNOWN	18.79	5	J
4.		UNKNOWN	25.47	3	J
5.		UNKNOWN	36.10	3	J
6.		UNKNOWN	39.13	9	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905902

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E07

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905902

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E07

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

SBLKW2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905902

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0528E07

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/27/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 05/28/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 3

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	8.98	8	J
2.		UNK. TRICHLORO PROPENE	12.25	7	J
3.		UNKNOWN	18.80	5	J
4.					
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6.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW3

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905969

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E03

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted:05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW3

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905969

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E03

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

SBLKW3

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905969

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0601E03

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 05/28/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/01/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 8

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	8.37	4	J
2.		UNKNOWN	8.98	8	J
3.		UNKNOWN ALIP. KETONE	11.64	2	J
4.		UNKNOWN	12.25	3	J
5.		UNKNOWN	16.08	1	J
6.		UNKNOWN	23.83	2	J
7.		UNKNOWN	36.10	2	J
8.		UNKNOWN	39.13	12	J
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1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW4

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905997

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E03

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

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
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-Dimethyphenol	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-Trichlorphenol	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	10	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW4

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905997

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E03

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	10	U
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 Phenyl Ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	10	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-Phenyl Ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
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
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-Octylphthalate	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	Dibenzo(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.

SBLKW4

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905997

Sample wt/vol: 1000 (g/mL) ML Lab File ID: H0602E03

Level: (low/med) LOW Date Received: _____

% Moisture: _____ decanted: (Y/N)___ Date Extracted: 06/01/99

Concentrated Extract Volume: 1000(uL) Date Analyzed: 06/02/99

Injection Volume: 2.0(uL) Dilution Factor: 1.0

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

Number TICs found: 15

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	8.34	2	J
2.	UNKNOWN	8.93	16	J
3.	UNKNOWN ALIP. KETONE	9.32	2	J
4.	UNKNOWN	10.08	8	J
5.	UNKNOWN	10.75	2	J
6.	UNKNOWN ALIP. KETONE	11.60	2	J
7.	UNKNOWN	12.20	7	J
8.	UNKNOWN	16.32	1	J
9.	UNKNOWN	18.75	3	J
10.	UNKNOWN	20.86	3	J
11.	UNKNOWN	24.00	2	J
12.	UNKNOWN	26.10	5	J
13.	UNKNOWN	30.30	10	J
14.	UNKNOWN	33.90	5	J
15.	UNKNOWN	37.11	1	J
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2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

GC Column(1): DB-608 ID: 0.53 (mm) GC Column(2): DB-1701 ID: 0.53 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	PBLKW1	85	85	110	105			0
02	PBLKW2	85	85	115	110			0
03	G101	65	60	60	60			0
04	G102	60	60	60	60			0
05	G103	90	80	105	90			0
06	G111	90	85	75	70			0
07	G112	85	0*	90	80			1
08	G113	120	60	60	60			0
09	G114	85	90	105	100			0
10	G115	80	80	100	95			0
11	G108	65	65	70	60			0
12	G110	110	80	150	135			0
13	FB	95	90	105	95			0
14	G104	0D	0D	0D	0D			0
15	PBLKW3	85	80	110	90			0
16	G109MS	80	70	80	65			0
17	G109MSD	110	85	90	80			0
18	G109	75	65	90	80			0
19	G106	60	60	95	80			0
20	G116	130	65	120	110			0
21	G107	75	60	85	75			0
22	G107DL	75	65	95	60			0
23	G117	85	60	75	65			0
24	G104DL	0D	0D	0D	0D			0
25								
26								
27								
28								
29								
30								

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (60-150)
S2 (DCB) = Decachlorobiphenyl (60-150)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out

3E

WATER PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix Spike - EPA Sample No.: G109

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	0.50	0.0	0.40	80	56-123
Heptachlor	0.50	0.0	0.36	72	40-131
Aldrin	0.50	0.019	0.37	70	40-120
Dieldrin	1.0	0.0	1.0	100	52-126
Endrin	1.0	0.0054	1.0	99	56-121
4,4'-DDT	1.0	0.0066	1.0	99	38-127

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	0.50	0.51	102	24*	15	56-123
Heptachlor	0.50	0.46	92	24*	20	40-131
Aldrin	0.50	0.52	100	35*	22	40-120
Dieldrin	1.0	1.3	130*	26*	18	52-126
Endrin	1.0	1.3	129*	26*	21	56-121
4,4'-DDT	1.0	1.2	119	18	27	38-127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 5 out of 6 outside limits
Spike Recovery: 2 out of 12 outside limits

COMMENTS: _____

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLKW1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab Sample ID: D905805 Lab File ID: HP11A018

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SEPF

Sulfur Cleanup (Y/N) N Date Extracted: 05/27/99

Date Analyzed (1): 06/02/99 Date Analyzed (2): 06/02/99

Time Analyzed (1): 0254 Time Analyzed (2): 0335

Instrument ID (1): HP11A Instrument ID (2): HP11B

GC Column (1): DB-608 ID: 0.53(mm) GC Column (2): DB-1701 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	G101	D905604	06/02/99	06/02/99
02	G102	D905605	06/02/99	06/02/99
03	G103	D905606	06/02/99	06/02/99
04	G111	D905607	06/02/99	06/02/99
05	G112	D905730	06/02/99	06/02/99
06	G113	D905731	06/02/99	06/02/99
07	G114	D905732	06/02/99	06/02/99
08	G115	D905733	06/02/99	06/02/99
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COMMENTS:

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLKW2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab Sample ID: D905905 Lab File ID: HP11A019

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SEPF

Sulfur Cleanup (Y/N) N Date Extracted: 05/28/99

Date Analyzed (1): 06/02/99 Date Analyzed (2): 06/02/99

Time Analyzed (1): 0335 Time Analyzed (2): 0417

Instrument ID (1): HP11A Instrument ID (2): HP11B

GC Column (1): DB-608 ID: 0.53(mm) GC Column (2): DB-1701 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	G108	D905810	06/02/99	06/02/99
02	G110	D905813	06/02/99	06/02/99
03	FB	D905814	06/02/99	06/02/99
04	G104	D905818DD	06/02/99	06/03/99
05	G104DL	905818DDD	06/03/99	06/03/99
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COMMENTS:

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLKW3

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Lab Sample ID: D905976 Lab File ID: HP11A054

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SEPF

Sulfur Cleanup (Y/N) N Date Extracted: 06/01/99

Date Analyzed (1): 06/03/99 Date Analyzed (2): 06/03/99

Time Analyzed (1): 0347 Time Analyzed (2): 0429

Instrument ID (1): HP11A Instrument ID (2): HP11B

GC Column (1): DB-608 ID: 0.53(mm) GC Column (2): DB-1701 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	G109MS	D905974	06/03/99	06/03/99
02	G109MSD	D905975	06/03/99	06/03/99
03	G109	D905970	06/03/99	06/03/99
04	G106	D905946	06/03/99	06/03/99
05	G116	D905945	06/03/99	06/03/99
06	G107	D905947	06/03/99	06/03/99
07	G107DL	D905947D	06/03/99	06/03/99
08	G117	D905948	06/03/99	06/03/99
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COMMENTS:

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905604

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A020

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/25/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted:05/27/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 8.1 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0073	J
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	0.10	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
1114-16-5	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: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905605

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A021

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/25/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted:05/27/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7 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	0.10	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
1114-16-5	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.

G103

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905606

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A022

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/25/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/27/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 10.3 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 ~~0.0046~~	~~JP~~ U
319-85-7	beta-BHC	0.050 ~~0.0011~~	~~JP~~ 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 ~~0.011~~	~~JP~~ U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10 ~~0.016~~	~~JP~~ U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.050	J
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 ~~0.16~~	~~JP~~ U
11104-28-2	Aroclor-1221	2.0	U
1114-16-5	Aroclor-1232	1.0 ~~0.18~~	~~JP~~ 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

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905818DD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A048

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/26/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted:05/28/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: 6.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	5.0	U
319-85-7	beta-BHC	5.0	U
319-86-8	delta-BHC	5.0	U
58-89-9	gamma-BHC (Lindane)	5.0	U
76-44-8	Heptachlor	5.0	U
309-00-2	Aldrin	5.0	U
1024-57-3	Heptachlor epoxide	5.0	U
959-98-8	Endosulfan I	5.0	U
60-57-1	Dieldrin	10	U
72-55-9	4,4'-DDE	10	U
72-20-8	Endrin	10	U
33213-65-9	Endosulfan II	10	U
72-54-8	4,4'-DDD	10	U
1031-07-8	Endosulfan sulfate	10	U
50-29-3	4,4'-DDT	10	U
72-43-5	Methoxychlor	50	U
53494-70-5	Endrin ketone	10	U
7421-36-3	Endrin aldehyde	10	U
5103-71-9	alpha-Chlordane	5.0	U
5103-74-2	gamma-Chlordane	5.0	U
8001-35-2	Toxaphene	500	U
12674-11-2	Aroclor-1016	100	U
11104-28-2	Aroclor-1221	200	U
1114-16-5	Aroclor-1232	100	U
53469-21-9	Aroclor-1242	100	U
12672-29-6	Aroclor-1248	100	U
11097-69-1	Aroclor-1254	100	U
11096-82-5	Aroclor-1260	100	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G104DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: 905818DDD

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A065

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/26/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/28/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/03/99

Injection Volume: 1.0(uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) N pH: 6.5 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	50	U
319-85-7	beta-BHC	50	U
319-86-8	delta-BHC	50	U
58-89-9	gamma-BHC (Lindane)	50	U
76-44-8	Heptachlor	50	U
309-00-2	Aldrin	50 ~~0.057~~	~~DJP~~ B4
1024-57-3	Heptachlor epoxide	50	U
959-98-8	Endosulfan I	50	U
60-57-1	Dieldrin	100	U
72-55-9	4,4'-DDE	100	U
72-20-8	Endrin	100	U
33213-65-9	Endosulfan II	100	U
72-54-8	4,4'-DDD	100	U
1031-07-8	Endosulfan sulfate	100	U
50-29-3	4,4'-DDT	100	U
72-43-5	Methoxychlor	500	U
53494-70-5	Endrin ketone	100	U
7421-36-3	Endrin aldehyde	100	U
5103-71-9	alpha-Chlordane	50	U
5103-74-2	gamma-Chlordane	50	U
8001-35-2	Toxaphene	5000	U
12674-11-2	Aroclor-1016	1000	U
11104-28-2	Aroclor-1221	2000	U
1114-16-5	Aroclor-1232	1000	U
53469-21-9	Aroclor-1242	1000	U
12672-29-6	Aroclor-1248	1000	U
11097-69-1	Aroclor-1254	1000	U
11096-82-5	Aroclor-1260	1000	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G106

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905946

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A058

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/28/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/01/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/03/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.5 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 ~~0.0060~~	~~JP~~ U
319-86-8	delta-BHC	0.050 ~~0.0070~~	~~JP~~ 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 ~~0.00026~~	~~JP~~ U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.0024	J
72-55-9	4,4'-DDE	0.10 ~~0.0068~~	~~JP~~ U
72-20-8	Endrin	0.10 ~~0.012~~	~~JP~~ 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 ~~0.013~~	~~JP~~ U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.020	~~JP~~ U
5103-71-9	alpha-Chlordane	0.018	JP ✓
5103-74-2	gamma-Chlordane	0.020	JP ✓
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	0.55	J
11104-28-2	Aroclor-1221	2.0	U
1114-16-5	Aroclor-1232	1.1	PJ
53469-21-9	Aroclor-1242	0.88	J
12672-29-6	Aroclor-1248	0.74	J
11097-69-1	Aroclor-1254	0.50	J
11096-82-5	Aroclor-1260	0.29	JP ✓

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G107

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905947

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A061

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/28/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/01/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/03/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6 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 ~~0.010~~	~~JPU~~
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	0.092	PJ
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.52	
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.61	
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.14	PJ
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	6.8	
11104-28-2	Aroclor-1221	2.0	U
1114-16-5	Aroclor-1232	13	
53469-21-9	Aroclor-1242	12	
12672-29-6	Aroclor-1248	15	
11097-69-1	Aroclor-1254	19	
11096-82-5	Aroclor-1260	17	

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G107DL

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905947D

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A062

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/28/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/01/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/03/99

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 6.6 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.50	U
319-85-7	beta-BHC	0.50	U
319-86-8	delta-BHC	0.50	U
58-89-9	gamma-BHC (Lindane)	0.50	U
76-44-8	Heptachlor	0.50	U
309-00-2	Aldrin	0.50	U
1024-57-3	Heptachlor epoxide	0.50	U
959-98-8	Endosulfan I	0.27	DJP ✓
60-57-1	Dieldrin	1.0	U
72-55-9	4,4'-DDE	0.63	DJ ✓
72-20-8	Endrin	1.0 ~~0.048~~	~~DJP~~ 4
33213-65-9	Endosulfan II	0.65	DJ
72-54-8	4,4'-DDD	1.0	U
1031-07-8	Endosulfan sulfate	1.0	U
50-29-3	4,4'-DDT	1.0 ~~0.11~~	~~DJP~~ 4
72-43-5	Methoxychlor	5.0	U
53494-70-5	Endrin ketone	1.0	U
7421-36-3	Endrin aldehyde	1.0	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	50	U
12674-11-2	Aroclor-1016	8.3	DJ
11104-28-2	Aroclor-1221	20	U
1114-16-5	Aroclor-1232	16	D
53469-21-9	Aroclor-1242	14	DPJ
12672-29-6	Aroclor-1248	18	D
11097-69-1	Aroclor-1254	22	D
11096-82-5	Aroclor-1260	19	D

ST 1114/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G108

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905810

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A043

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/26/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/28/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 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 ~~0.0010~~	~~JP~~ 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 ~~0.0018~~	~~JP~~ U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10 ~~0.015~~	~~JP~~ U
72-20-8	Endrin	0.10 ~~0.0088~~	~~JP~~ U
33213-65-9	Endosulfan II	0.036	J
72-54-8	4,4'-DDD	0.10 ~~0.0053~~	~~JP~~ U
1031-07-8	Endosulfan sulfate	0.10 ~~0.010~~	~~JP~~ 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	0.052	JP ✓
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050 ~~0.0030~~	~~JP~~ U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
1114-16-5	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	0.55	J
11096-82-5	Aroclor-1260	0.75	J

ST 11/4/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G109

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905970

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A057

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/28/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/01/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/03/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6 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 ~~0.0038~~	~~JP~~ U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10 ~~0.0044~~	~~JP~~ 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	0.25	J
11104-28-2	Aroclor-1221	2.0	U
1114-16-5	Aroclor-1232	0.52	J
53469-21-9	Aroclor-1242	0.32	J
12672-29-6	Aroclor-1248	0.20	J
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

BT 1/14/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G109MS

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905974

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A055

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/28/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/01/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/03/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6 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 ~~0.0039~~	~~JP~~ U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.40	
76-44-8	Heptachlor	0.36	
309-00-2	Aldrin	0.37	
1024-57-3	Heptachlor epoxide	0.0080	J
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	1.0	
72-55-9	4,4'-DDE	0.026	J
72-20-8	Endrin	1.0	
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10 ~~0.012~~	~~JP~~ U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	1.0	
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.10 ~~0.0039~~	~~JP~~ U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050 ~~0.0056~~	~~JP~~ U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
1114-16-5	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

SR 1/14/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G109MSD

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905975

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A056

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/28/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/01/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/03/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6 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 ~~0.0069~~	~~JP~~ U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.51	
76-44-8	Heptachlor	0.46	
309-00-2	Aldrin	0.52	
1024-57-3	Heptachlor epoxide	0.050 ~~0.0058~~	~~JP~~ U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	1.3	
72-55-9	4,4'-DDE	0.10 ~~0.029~~	~~JP~~ U
72-20-8	Endrin	1.3	
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	1.2	
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10 ~~0.014~~	~~JP~~ 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
1114-16-5	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

ST 1/14/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G110

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905813

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A044

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/26/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/28/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.9 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 ~~0.0056~~	~~JP~~ U
58-89-9	gamma-BHC (Lindane)	0.065	PJ
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050 ~~0.0064~~	~~JPP~~ 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	0.10 ~~0.0046~~	~~JP~~ U
33213-65-9	Endosulfan II	0.0080	J
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10 ~~0.0028~~	~~JP~~ U
50-29-3	4,4'-DDT	0.10 ~~0.0046~~	~~JP~~ 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	0.0097	J
5103-74-2	gamma-Chlordane	0.075	PJ
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
1114-16-5	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 ~~0.087~~	~~JP~~ U

ST 1/14/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G111

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905607

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A023

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/25/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/27/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1 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	0.030	J
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 ~~0.0078~~	~~JP~~ U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10 ~~0.0050~~	~~JP~~ 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 ~~0.0012~~	~~JP~~ U
5103-74-2	gamma-Chlordane	0.0016	J
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
1114-16-5	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

ST 1/14/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G112

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905730

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A024

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/25/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/27/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.9 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	0.10	
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 ~~0.0045~~	~~JP~~ U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10 ~~0.011~~	~~JP~~ 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 ~~0.0084~~	~~JP~~ U
50-29-3	4,4'-DDT	0.10 ~~0.014~~	~~JP~~ 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	0.023	J
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
1114-16-5	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

ST 1/14/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G113

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905731

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A025

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/25/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/27/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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	0.026	JP ✓
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.0500 ~~0.0064~~	~~JP~~ U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.024	JP ✓
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.0066	J
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10 ~~0.011~~	~~JP~~ 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 ~~0.0033~~	~~JP~~ U
5103-71-9	alpha-Chlordane	0.050 ~~0.029~~	~~JP~~ 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
1114-16-5	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

ST 1/14/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G114

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905732

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A041

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/25/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/27/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.1 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	0.10	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
1114-16-5	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.

G115

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905733

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A042

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/25/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/27/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3 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	0.10	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
1114-16-5	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.

G116

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905945

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A059

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/28/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/01/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/03/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.6 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	0.12	P J
1024-57-3	Heptachlor epoxide	0.041	JP ✓
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 ~~0.0068~~	~~JP~~ U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.028	JP ✓
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.045	JP ✓
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.035	JP ✓
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
1114-16-5	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

ST 11/4/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G117

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905948

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A063

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/28/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 06/01/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/03/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.7 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	0.054	PJ
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.072	PJ
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050 ~~0.011~~	~~JP~~ U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.086	JP ✓
72-20-8	Endrin	0.10 ~~0.0051~~	~~JP~~ U
33213-65-9	Endosulfan II	0.088	J
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.052	JP ✓
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	2.0	
11104-28-2	Aroclor-1221	2.0	U
1114-16-5	Aroclor-1232	3.9	
53469-21-9	Aroclor-1242	3.1	PJ
12672-29-6	Aroclor-1248	3.2	
11097-69-1	Aroclor-1254	3.6	
11096-82-5	Aroclor-1260	2.9	

SR 1/14/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905814

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A045

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/26/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/28/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.0078	J
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	0.05 ~~0.0016~~	~~JPB~~ 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	0.10	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 ~~0.0044~~	~~JPU~~
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-36-3	Endrin aldehyde	0.100 ~~0.0012~~	~~JP~~ 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
1114-16-5	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

ST 1/14/03

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKW1

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905805

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A018

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/25/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/27/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 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	0.10	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
1114-16-5	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.

PBLKW2

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905905

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A019

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/26/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 05/28/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/02/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 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	0.0039	J
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	0.10	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
1114-16-5	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.

PBLKW3

Lab Name: ILLINOIS EPA Contract: 1631210001

Lab Code: SPFLD Case No.: SAUGETW SAS No.: SDG No.: 905604

Matrix: (soil/water) WATER Lab Sample ID: D905976

Sample wt/vol: 1000 (g/mL) ML Lab File ID: HP11A054

% Moisture: _____ decanted: (Y/N)___ Date Received: 05/28/99

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted:06/01/99

Concentrated Extract Volume: 10000(uL) Date Analyzed: 06/03/99

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.0 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	0.10	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
1114-16-5	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