General Hydraulics
L2010450022/Winnebago Co
ILD 984767806

CERCLA

Screening Site Inspection Analytical Results

Vol. 2 of 2

Illinois Environmental
Protection Agency
P.O. Box 19276
Springfield, IL 62794-9276

EPA Region 5 Records Ctr.
326033

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APPENDIX I

ANALYTICAL RESULTS
VOLUME 2 OF 2

General Hydraulics
ILD 984767806

SAMPLING POINT	X101 11/05/91		X102 11/05/91		X103 11/05/91		X104 11/05/91		X105 11/05/91		X106 11/05/91		X107 11/05/91	
PARAMETER														
VOLATILES (ppb)														
Methylene Chloride	8	J	15		35		25		5	J	23		4	J
Acetone	--		28	J	220	J	49	J	16	J	7	J	--	
1,2-Dichloroethene(total)	--		--		3	J	--		--		--		--	
2-Butanone (MEK)	13	R	8	R	68	R	10	R	11	R	12	R	13	R
1,1,1-Trichloroethane	--		--		--		--		--		3	J	--	
Tetrachloroethene	--		--		--		--		--		8		--	
Toluene	--		--		3	J	--		--		--		--	
Xylene(total)	--		--		5	J	--		--		--		--	
TIC's			(2)		(1)		(1)				(1)			
SEMIVOLATILES (ppb)	--		--		--		--							
Acenaphthene	--		--		--		--		--		330	J	--	
Dibenzofuran	--		--		--		--		--		170	J	--	
Fluorene	--		--		--		--		--		370	J	--	
Phenanthrene	--		--		--		--		--		3900		--	
Anthracene	--		--		--		--		--		1000		--	
Fluoranthene	--		--		--		--		--		6600		--	
Pyrene	--		--		--		--		--		6300	J	--	
Chrysene	--		--		--		--		--		3800		--	
Benzo(b)fluoranthene	--		--		--		--		--		2900		--	
Benzo(k)fluoranthene	--		--		--		--		--		2700		--	
Benzo(a)pyrene	--		--		--		--		--		3100		--	
Indeno(1,2,3-cd)pyrene	--		--		--		--		--		1900		--	
Benzo(g,h,i)perylene	--		--		--		--		--		2000		--	
TIC's	(7)		(6)		(5)		(9)		(5)		(19)		(7)	
PESTICIDES/PCB'S (ppb)														
4,4'-DDD	--		--		--		--		--		360		--	
4,4'-DDT	--		--		--		--		--		480		59	
Aroclor-1254	--		--		--		--		--		35	J	--	

Sample Summary from IEPA Collected Samples

General Hydraulics
ILD 984767806

SAMPLING POINT	X101	X102	X103	X104	X105	X106	X107
	11/05/91	11/05/91	11/05/91	11/05/91	11/05/91	11/05/91	11/05/91
PARAMETER							
INORGANICS (water-ppb, soil/sed-ppm							
Aluminum	13100	8580	13500	17500	2690	9000	9960
Antimony	15 R	13 R	14 R	14 R	13 R	13 R	13 R
Arsenic	3.8	2.6	5.0	2.4	2.6	3.1	4.0
Barium	138	69	145	182	39 B	100	143
Beryllium	0.8 B	0.5 B	0.8 B	1.0 B	0.3	0.6 B	--
Cadmium	--	--	--	--	0.4	--	--
Calcium	33900	13300	11600	10000	53300	12000	4100
Chromium	39	16	23	28	12	27	18
Cobalt	8.1 B	4.9 B	6.5 B	11 B	2.1	4.4 B	5.7
Copper	46 J	6.9 J	13 J	16 J	6.5 J	78 J	12 J
Iron	20400	12600	19100	22700	11000	13400	12300
Lead	30.3	6.6	14.2	13.7	5.3	42	27.8
Magnesium	18500	7900	6200	5200	32400	4200	2300
Manganese	810	416	730	1000	397	325	810
Mercury	0.05B	--	--	--	--	--	--
Nickel	35	9.1 B	17	20	12	33	13
Potassium	1560	655 B	1030 B	1100 B	420 B	580 B	1400
Selenium	0.3 J	0.3 J	0.3 J	0.3 J	0.3 J	0.3 BJ	0.3 J
Silver	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--
Thallium	0.5 BJ	0.1 J	0.3 BJ	0.2 BJ	0.1 J	0.4 BJ	0.7 BJ
Vanadium	26	18	28	34	22	21	24
Zinc	170	39	66	86	19	115	64
Cyanide	--	--	--	--	--	--	--
Sulfate		--	--	--	--		
Sulfide		--	--	--	--		

General Hydraulics
ILD 984767806

SAMPLING POINT	G201 11/06/91	G202 11/06/91	G203 11/06/91	G204 11/06/91	G205 11/06/91	G206 11/06/91	G207 11/06/91	G208 11/06/91	G209 11/06/91
PARAMETER									
VOLATILES (ppb)									
Methylene Chloride	--	--	--	--	--	--	--	--	--
Acetone	17 J	--	--	--	--	--	--	--	--
1,2-Dichloroethene(total)	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	10 R	10 R	10 R	10 R	10 R	10 R	10 R	10 R	10 R
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--
Tetrachloroethene	7	--	--	--	--	--	--	--	7
Toluene	--	--	--	--	--	--	--	--	--
Xylene(total)	--	--	--	--	--	--	--	--	--
TIC's									
SEMIVOLATILES (ppb)									
Acenaphthene	--				--				
Dibenzofuran	--				--				
Fluorene	--				--				
Phenanthrene	--				--				
Anthracene	--				--				
Fluoranthene	--				--				
Pyrene	--				--				
Chrysene	--				--				
Benzo(b)fluoranthene	--				--				
Benzo(k)fluoranthene	--				--				
Benzo(a)pyrene	--				--				
Indeno(1,2,3-cd)pyrene	--				--				
Benzo(g,h,i)perylene	--				--				
TIC's									
PESTICIDES/PCB'S (ppb)									
4,4'-DDD	--				--				
4,4'-DDT	--				--				
Aroclor-1254	--				--				

General Hydraulics
ILD 984767806

SAMPLING POINT	G201	G202	G203	G204	G205	G206	G207	G208	G209
	11/06/91	11/06/91	11/06/91	11/06/91	11/06/91	11/06/91	11/06/91	11/06/91	11/06/91
PARAMETER									
INORGANICS (water-ppb, soil/sed-ppm)									
Aluminum	--				--				
Antimony	--				--				
Arsenic	0.6 J				1.0 B				
Barium	69.6 B				64.4 B				
Beryllium	--				--				
Cadmium	--				--				
Calcium	91900				88300				
Chromium	--				9.6 B				
Cobalt	--				--				
Copper	--				9.4				
Iron	--				--				
Lead	1.7 BJ				0.7 J				
Magnesium	36900				37100				
Manganese	--				--				
Mercury	0.17				0.12				
Nickel	11 J				11 J				
Potassium	3840 B				4640 B				
Selenium	1.6 BJ				1.6 BJ				
Silver	--				--				
Sodium	29600				27000				
Thallium	--				--				
Vanadium	--				--				
Zinc	28.5				45.3				
Cyanide	--				--				
Sulfate	45000				43000				
Sulfide	--				--				
FIELD TESTS									
Temperature (degrees F)	59.5	57.3	53.6	60.2	55.3	57	53.4	57	52
Sp. Conductivity (umhos)	1330	1180	1080	1280	1220	1180	1180	1240	1300
Ph	7.71	7.75	7.78	7.66	7.55	7.66	8.21	7.69	7.9

U.S.E.P.A. DEFINED DATA QUALIFIERS

QUALIFIER	DEFINITION ORGANICS	DEFINITION INORGANICS
• U	Compound was tested for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For soil samples subjected to GPC clean-up procedures, the CRQL is also multiplied by two, to account for the fact that only half of the extract is recovered.	Analyte was analyzed for but not detected.
• J	Estimated value. Used when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria and the result is less than the sample quantitation limit but greater than zero. Used in data validation when the quality control data indicate that a value may not be accurate.	Estimated value. Used in data validation when the quality control data indicate that a value may not be accurate.
• C	This flag applies to pesticide results where the identification is confirmed by GC/MS.	Method qualifier indicates analysis by the Manual Spectrophotometric method.
• B	Analyte was found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action	The reported value is less than the CRDL but greater than the instrument detection limit (IDL).
• D	Identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and <u>all</u> concentration values are flagged with the "D" flag.	not used

QUALIFIER	DEFINITION ORGANICS	DEFINITION INORGANICS
• E	Identifies compounds whose concentrations exceed the calibration range for that specific analysis. All extracts containing compounds exceeding the calibration range must be diluted and analyzed again. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses must be reported on separate Forms I. The Form I for the diluted sample must have the "DL" suffix appended to the sample number.	The reported value is estimated because of the presence of interference
• A	This flag indicates that a TIC is a suspected aldol concentration product formed by the reaction of the solvents used to process the sample in the laboratory.	Method qualifier indicates analysis by Flame Atomic Absorption (AA).
• M	not used	Duplicate injection (a QC parameter) not met.
• N	not used	Spiked sample (a QC parameter) recovery not within control limits.
• S	not used	The reported value was determined by the Method of Standard Additions (MSA).
• W	not used	Post digestion spike for Furnace AA analysis (a QC parameter) is out of control limits of 85% to 115% recovery, while sample absorbance is less than 50% of spike absorbance.
• *	not used	Duplicate analysis (a QC parameter) not within control limits.
• +	not used	Correlation coefficient for MSA (a QC parameter) is less than 0.995.

QUALIFIER	DEFINITION ORGANICS	DEFINITION INORGANICS
• P	not used	Method qualifier indicates analysis by ICP (Inductively Coupled Plasma) Spectroscopy.
• CV	not used	Method qualifier indicates analysis by Cold Vapor AA.
• AV	not used	Method qualifier indicates analysis by Automated Cold Vapor AA
• AS	not used	Method qualifier indicates analysis by Semi-Automated Cold Spectrophotometry.
• T	not used	Method qualifier indicates Titrimetric analysis.
• NR	The analyte was not required to be analyzed.	The analyte was not required to be analyzed.
• R	Rejected data. The QC parameters indicate that the data is not usable for any purpose.	Rejected data. The QC parameters indicate that the data is not usable for any purpose.

Illinois Environmental Protection Agency · P.O. Box 19276, Springfield, IL 62794-9276

MEMORANDUM

DATE: January 31, 1992

TO: Tim Murphy

FROM: Ron Turpin & Jim Shaw

SUBJECT: Review of Data Package
General Hydraulics

The Division of Laboratories Quality Assurance Section has reviewed the above referenced data package. The package was for 10 water sample, 7 soil samples and 1 trip blank sample taken on November 6, 1991, for the target compound list. The samples were analyzed at the IEPA laboratories in Springfield (organics) and in Champaign (inorganics). The results are valid as qualified on the attached Forms 1.

attachments

cc: John Hurley
Karl Reed
Tom Crause

RECEIVED
FEB 03 1992
IEPA/DLPC

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11-6-91
[illegible]
[illegible]
[illegible]

Tim Murphy

SAMPLE DATA SUMMARY PACKAGE

RECEIVED
DEC 06 1991
IEPA LABORATORIES
Manager's Office

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
Springfield Organics Laboratory
825 N. Rutledge
Springfield, Illinois 62702
217-782-9780

CASE NARRATIVE

General Hydraulics

Sample Identification	IEPA Sample Number
G201	D199399
G202	D199401
G203	D199402
G204	D199403
G205	D199400
G206	D199404
G207	D199405
G208	D199406
G209	D199407
VBLKTB	D199408
X101	D199392
X102	D199393
X103	D199394
X104	D199395
X105	D199396
X106	D199397
X107	D199398

Pesticide and semivolatile analysis was not required for samples G202, G203, G204, G206, G207, G208 and G209.

VOLATILE FRACTION

Fluorobenzene is used as an additional internal standard to quantitate TIC compounds.

The matrix spike/matrix spike duplicates are spiked with the entire volatile standard.

SEMIVOLATILE FRACTION

The TIC with CAS number 4337-65-9 in samples X101, X102, X103, X104, X105, X106 and X107 is Hexanedioic acid, mono(2-ethylhexyl)ester. There is insufficient room on FORM I SV-TIC for the entire name. Note : This compound is present in significant amounts in all of the soil samples in this case as well as all the soil samples in the recent Rock Island Muni case. This compound was not detected in any of the laboratory extraction blanks run with these two cases nor was it found in GPC blanks or other soil samples from other programs run recently in the Springfield laboratory .

X106 ; The spectral disagreement of Fluorene is more than the 20% allowed when compared with the standard spectrum because 4-Chlorophenyl phenyl ether co-elutes in the standard. The spectral disagreement of Benzo(ghi)-perylene is more than the 20% allowed when compared with the standard

spectrum because of background noise in the sample spectrum.

PESTICIDE FRACTION

The matrix spike duplicate for X107 was spiked with twice the normal amount of spiking solution. This was rectified by doubling the computational amount thus giving a correct recovery.

Celeste M Crowley 12/5/91
Celeste Crowley Date
Pesticide Supervisor

12/3/91
Gary Germann Date
GC/MS Supervisor

John Hurley 12/5/91
John Hurley Date
Laboratory Manager

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G201

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199399

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK05

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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	5	U
67-64-1	Acetone	17	~~J~~ B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~U~~ R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	7	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G201

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199399

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK05

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G202

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199401

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK07

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~U~~R 28
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G202

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199401

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK07

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G203

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199402

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK08

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND		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	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~UR~~ B
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G203

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199402

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK08

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G204

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199403

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK09

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~U~~R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G204

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199403

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK09

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G205

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199400

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK06

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND		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	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~UR~~ B
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G205

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199400

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK06

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G206

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199404

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK10

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~UR~~
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G206

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199404

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK10

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G207

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199405

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK11

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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

CAS NO.	COMPOUND		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	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~U~~ R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G207

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199405

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK11

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G208

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199406

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK12

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	UR R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G208

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199406

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK12

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G209

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199407

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK13

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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	5	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	UR
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	7	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G209

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199407

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK13

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKTB

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199408

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK04

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

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	5	U
67-64-1	Acetone	12	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	~~UR~~ B
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKTB

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199408

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: A1113BK04

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199392

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1113LC07

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	8	J
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	UR
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199392

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1113LC07

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199393

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1112LC12

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 8 Date Analyzed: 11/12/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	15	
67-64-1	Acetone	28	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	8	~~J~~R
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199393

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1112LC12

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 8 Date Analyzed: 11/12/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-3	ETHYL ETHER	1.85	6.1	J
2. 95-49-8	2-CHLOROTOLUENE	23.15	70	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199394

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1112LC13

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 Date Analyzed: 11/12/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	35	
67-64-1	Acetone	220	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	3	J
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	68	R
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	3	J
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	5	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199394

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1112LC13

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 Date Analyzed: 11/12/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-3	ETHYL ETHER	1.85	5.6	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199395

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1112LC14

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 25 Date Analyzed: 11/12/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	25	
67-64-1	Acetone	49	J
75-15-0	Carbon Disulfide	7	U
75-35-4	1,1-Dichloroethene	7	U
75-34-3	1,1-Dichloroethane	7	U
540-59-0	1,2-Dichloroethene (total)	7	U
67-66-3	Chloroform	7	U
107-06-2	1,2-Dichloroethane	7	U
78-93-3	2-Butanone	10	JR B
71-55-6	1,1,1-Trichloroethane	7	U
56-23-5	Carbon Tetrachloride	7	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	7	U
78-87-5	1,2-Dichloropropane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
79-01-6	Trichloroethene	7	U
124-48-1	Dibromochloromethane	7	U
79-00-5	1,1,2-Trichloroethane	7	U
71-43-2	Benzene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
75-25-2	Bromoform	7	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
108-88-3	Toluene	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
100-42-5	Styrene	7	U
1330-20-7	Xylene (total)	7	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199395

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1112LC14

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 25 Date Analyzed: 11/12/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-3	ETHYL ETHER	1.83	7.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199396

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1113LC04

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 11 Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	J
67-64-1	Acetone	16	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	UR B
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199396

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1113LC04

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 11 Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199397

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1113LC06

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 18 Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	23	
67-64-1	Acetone	7	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	12	~~U~~ R B
71-55-6	1,1,1-Trichloroethane	3	J
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	12	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	8	
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199397

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1113LC06

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 18 Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 60-29-3	ETHYL ETHER	1.83	8.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199398

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1113LC05

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 21 Date Analyzed: 11/13/91

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	13	~~UK~~ B
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	13	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-88-3	Toluene	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (total)	6	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199398

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1113LC05

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 21 Date Analyzed: 11/13/91

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G201

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199399

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C1112W04

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/12/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)Ether	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-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G201

Lab Name: ILLINOIS EPA Contract: 2010451022

b Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199399

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C1112W04

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/12/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	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-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	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	20	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-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G201

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199399

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C1112W04

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/12/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G205

Lab Name: ILLINOIS EPA Contract: 2010451022

o Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199400

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C1112W05

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/12/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

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
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	bis(2-Chloroisopropyl)Ether	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-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G205

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199400

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C1112W05

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/12/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	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-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	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	20	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-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G205

Lab Name: ILLINOIS EPA Contract: 2010451022

. .o Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199400

Sample wt/vol: 1000 (g/mL) ML Lab File ID: C1112W05

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/12/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199392

Sample wt/vol: 30.4 (g/mL) G Lab File ID: C1119R04

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	830	U
111-44-4	bis(2-Chloroethyl)Ether	830	U
95-57-8	2-Chlorophenol	830	U
541-73-1	1,3-Dichlorobenzene	830	U
106-46-7	1,4-Dichlorobenzene	830	U
100-51-6	Benzyl Alcohol	830	U
95-50-1	1,2-Dichlorobenzene	830	U
95-48-7	2-Methylphenol	830	U
108-60-1	bis(2-Chloroisopropyl)Ether	830	U
106-44-5	4-Methylphenol	830	U
621-64-7	N-Nitroso-Di-n-Propylamine	830	U
67-72-1	Hexachloroethane	830	U
98-95-3	Nitrobenzene	830	U
78-59-1	Isophorone	830	U
88-75-5	2-Nitrophenol	830	U
105-67-9	2,4-Dimethylphenol	830	U
65-85-0	Benzoic Acid	4000	U
111-91-1	bis(2-Chloroethoxy)Methane	830	U
120-83-2	2,4-Dichlorophenol	830	U
120-82-1	1,2,4-Trichlorobenzene	830	U
91-20-3	Naphthalene	830	U
106-47-8	4-Chloroaniline	830	U
87-68-3	Hexachlorobutadiene	830	U
59-50-7	4-Chloro-3-Methylphenol	830	U
91-57-6	2-Methylnaphthalene	830	U
77-47-4	Hexachlorocyclopentadiene	830	U
88-06-2	2,4,6-Trichlorophenol	830	U
95-95-4	2,4,5-Trichlorophenol	4000	U
91-58-7	2-Chloronaphthalene	830	U
88-74-4	2-Nitroaniline	4000	U
131-11-3	Dimethylphthalate	830	U
208-96-8	Acenaphthylene	830	U
606-20-2	2,6-Dinitrotoluene	830	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199392

Sample wt/vol: 30.4 (g/mL) G Lab File ID: C1119R04

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4000	U
83-32-9	Acenaphthene	830	U
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	U
132-64-9	Dibenzofuran	830	U
121-14-2	2,4-Dinitrotoluene	830	U
84-66-2	Diethylphthalate	830	U
7005-72-3	4-Chlorophenyl-phenylether	830	U
86-73-7	Fluorene	830	U
100-10-6	4-Nitroaniline	4000	U
534-52-1	4,6-Dinitro-2-Methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine (1)	830	U
101-55-3	4-Bromophenyl-phenylether	830	U
118-74-1	Hexachlorobenzene	830	U
87-86-5	Pentachlorophenol	4000	U
85-01-8	Phenanthrene	830	U
120-12-7	Anthracene	830	U
84-74-2	Di-n-Butylphthalate	830	U
206-44-0	Fluoranthene	830	U
129-00-0	Pyrene	830	U
85-68-7	Butylbenzylphthalate	830	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)Anthracene	830	U
218-01-9	Chrysene	830	U
117-81-7	bis(2-Ethylhexyl)Phthalate	830	U
117-84-0	Di-n-Octyl Phthalate	830	U
205-99-2	Benzo(b)Fluoranthene	830	U
207-08-9	Benzo(k)Fluoranthene	830	U
50-32-8	Benzo(a)Pyrene	830	U
193-39-5	Indeno(1,2,3-cd)Pyrene	830	U
53-70-3	Dibenz(a,h)Anthracene	830	U
191-24-2	Benzo(g,h,i)Perylene	830	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199392

Sample wt/vol: 30.4 (g/mL) G Lab File ID: C1119R04

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.0

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. HYDROCARBON	8.57	550	BJ
2.	UNKNOWN	9.54	1900	BAJ
3.	UNKNOWN	10.19	840	J
4.	UNKNOWN	10.40	600	J
5.	UNKNOWN	23.02	880	J
6. 4337-65-9	HEXANEDIOIC ACID, MONO(2-ETH	28.84	35000	J
7.	UNKNOWN	42.71	880	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199393

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C1119R05

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 8 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	720	U
111-44-4	bis(2-Chloroethyl)Ether	720	U
95-57-8	2-Chlorophenol	720	U
541-73-1	1,3-Dichlorobenzene	720	U
106-46-7	1,4-Dichlorobenzene	720	U
100-51-6	Benzyl Alcohol	720	U
95-50-1	1,2-Dichlorobenzene	720	U
95-48-7	2-Methylphenol	720	U
108-60-1	bis(2-Chloroisopropyl)Ether	720	U
106-44-5	4-Methylphenol	720	U
621-64-7	N-Nitroso-Di-n-Propylamine	720	U
67-72-1	Hexachloroethane	720	U
98-95-3	Nitrobenzene	720	U
78-59-1	Isophorone	720	U
88-75-5	2-Nitrophenol	720	U
105-67-9	2,4-Dimethylphenol	720	U
65-85-0	Benzoic Acid	3500	U
111-91-1	bis(2-Chloroethoxy)Methane	720	U
120-83-2	2,4-Dichlorophenol	720	U
120-82-1	1,2,4-Trichlorobenzene	720	U
91-20-3	Naphthalene	720	U
106-47-8	4-Chloroaniline	720	U
87-68-3	Hexachlorobutadiene	720	U
59-50-7	4-Chloro-3-Methylphenol	720	U
91-57-6	2-Methylnaphthalene	720	U
77-47-4	Hexachlorocyclopentadiene	720	U
88-06-2	2,4,6-Trichlorophenol	720	U
95-95-4	2,4,5-Trichlorophenol	3500	U
91-58-7	2-Chloronaphthalene	720	U
88-74-4	2-Nitroaniline	3500	U
131-11-3	Dimethylphthalate	720	U
208-96-8	Acenaphthylene	720	U
606-20-2	2,6-Dinitrotoluene	720	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199393

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C1119R05

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 8 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3500	U
83-32-9	Acenaphthene	720	U
51-28-5	2,4-Dinitrophenol	3500	U
100-02-7	4-Nitrophenol	3500	U
132-64-9	Dibenzofuran	720	U
121-14-2	2,4-Dinitrotoluene	720	U
84-66-2	Diethylphthalate	720	U
7005-72-3	4-Chlorophenyl-phenylether	720	U
86-73-7	Fluorene	720	U
100-10-6	4-Nitroaniline	3500	U
534-52-1	4,6-Dinitro-2-Methylphenol	3500	U
86-30-6	N-Nitrosodiphenylamine (1)	720	U
101-55-3	4-Bromophenyl-phenylether	720	U
118-74-1	Hexachlorobenzene	720	U
87-86-5	Pentachlorophenol	3500	U
85-01-8	Phenanthrene	720	U
120-12-7	Anthracene	720	U
84-74-2	Di-n-Butylphthalate	720	U
206-44-0	Fluoranthene	720	U
129-00-0	Pyrene	720	U
85-68-7	Butylbenzylphthalate	720	U
91-94-1	3,3'-Dichlorobenzidine	1400	U
56-55-3	Benzo(a)Anthracene	720	U
218-01-9	Chrysene	720	U
117-81-7	bis(2-Ethylhexyl)Phthalate	720	U
117-84-0	Di-n-Octyl Phthalate	720	U
205-99-2	Benzo(b)Fluoranthene	720	U
207-08-9	Benzo(k)Fluoranthene	720	U
50-32-8	Benzo(a)Pyrene	720	U
193-39-5	Indeno(1,2,3-cd)Pyrene	720	U
53-70-3	Dibenz(a,h)Anthracene	720	U
191-24-2	Benzo(g,h,i)Perylene	720	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199393

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C1119R05

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 8 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 6

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. HYDROCARBON	8.59	440	BJ
2.	UNKNOWN	9.55	1700	BAJ
3.	UNKNOWN	10.20	750	BAJ
4.	UNKNOWN	11.09	510	J
5.	UNKNOWN	12.24	420	J
6. 4337-65-9	HEXANEDIOIC ACID, MONO(2-ETH	28.84	32000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199394

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C1119R06

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	840	U
111-44-4	bis(2-Chloroethyl)Ether	840	U
95-57-8	2-Chlorophenol	840	U
541-73-1	1,3-Dichlorobenzene	840	U
106-46-7	1,4-Dichlorobenzene	840	U
100-51-6	Benzyl Alcohol	840	U
95-50-1	1,2-Dichlorobenzene	840	U
95-48-7	2-Methylphenol	840	U
108-60-1	bis(2-Chloroisopropyl)Ether	840	U
106-44-5	4-Methylphenol	840	U
621-64-7	N-Nitroso-Di-n-Propylamine	840	U
67-72-1	Hexachloroethane	840	U
98-95-3	Nitrobenzene	840	U
78-59-1	Isophorone	840	U
88-75-5	2-Nitrophenol	840	U
105-67-9	2,4-Dimethylphenol	840	U
65-85-0	Benzoic Acid	4100	U
111-91-1	bis(2-Chloroethoxy)Methane	840	U
120-83-2	2,4-Dichlorophenol	840	U
120-82-1	1,2,4-Trichlorobenzene	840	U
91-20-3	Naphthalene	840	U
106-47-8	4-Chloroaniline	840	U
87-68-3	Hexachlorobutadiene	840	U
59-50-7	4-Chloro-3-Methylphenol	840	U
91-57-6	2-Methylnaphthalene	840	U
77-47-4	Hexachlorocyclopentadiene	840	U
88-06-2	2,4,6-Trichlorophenol	840	U
95-95-4	2,4,5-Trichlorophenol	4100	U
91-58-7	2-Chloronaphthalene	840	U
88-74-4	2-Nitroaniline	4100	U
131-11-3	Dimethylphthalate	840	U
208-96-8	Acenaphthylene	840	U
606-20-2	2,6-Dinitrotoluene	840	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199394

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C1119R06

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4100	U
83-32-9	Acenaphthene	840	U
51-28-5	2,4-Dinitrophenol	4100	U
100-02-7	4-Nitrophenol	4100	U
132-64-9	Dibenzofuran	840	U
121-14-2	2,4-Dinitrotoluene	840	U
84-66-2	Diethylphthalate	840	U
7005-72-3	4-Chlorophenyl-phenylether	840	U
86-73-7	Fluorene	840	U
100-10-6	4-Nitroaniline	4100	U
534-52-1	4,6-Dinitro-2-Methylphenol	4100	U
86-30-6	N-Nitrosodiphenylamine (1)	840	U
101-55-3	4-Bromophenyl-phenylether	840	U
118-74-1	Hexachlorobenzene	840	U
87-86-5	Pentachlorophenol	4100	U
85-01-8	Phenanthrene	840	U
120-12-7	Anthracene	840	U
84-74-2	Di-n-Butylphthalate	840	U
206-44-0	Fluoranthene	840	U
129-00-0	Pyrene	840	U
85-68-7	Butylbenzylphthalate	840	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)Anthracene	840	U
218-01-9	Chrysene	840	U
117-81-7	bis(2-Ethylhexyl)Phthalate	840	U
117-84-0	Di-n-Octyl Phthalate	840	U
205-99-2	Benzo(b)Fluoranthene	840	U
207-08-9	Benzo(k)Fluoranthene	840	U
50-32-8	Benzo(a)Pyrene	840	U
193-39-5	Indeno(1,2,3-cd)Pyrene	840	U
53-70-3	Dibenz(a,h)Anthracene	840	U
191-24-2	Benzo(g,h,i)Perylene	840	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199394

Sample wt/vol: 30.2 (g/mL) G Lab File ID: C1119R06

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. HYDROCARBON	8.57	610	BJ
2.	UNKNOWN	9.55	2000	BAJ
3.	UNKNOWN	10.20	840	BAJ
4. 4337-65-9	HEXANEDIOIC ACID, MONO(2-ETH	28.84	33000	J
5.	UNKNOWN	42.71	2300	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199395

Sample wt/vol: 30.4 (g/mL) G Lab File ID: C1119R07

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 25 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	870	U
111-44-4	bis(2-Chloroethyl)Ether	870	U
95-57-8	2-Chlorophenol	870	U
541-73-1	1,3-Dichlorobenzene	870	U
106-46-7	1,4-Dichlorobenzene	870	U
100-51-6	Benzyl Alcohol	870	U
95-50-1	1,2-Dichlorobenzene	870	U
95-48-7	2-Methylphenol	870	U
108-60-1	bis(2-Chloroisopropyl)Ether	870	U
106-44-5	4-Methylphenol	870	U
621-64-7	N-Nitroso-Di-n-Propylamine	870	U
67-72-1	Hexachloroethane	870	U
98-95-3	Nitrobenzene	870	U
78-59-1	Isophorone	870	U
88-75-5	2-Nitrophenol	870	U
105-67-9	2,4-Dimethylphenol	870	U
65-85-0	Benzoic Acid	4200	U
111-91-1	bis(2-Chloroethoxy)Methane	870	U
120-83-2	2,4-Dichlorophenol	870	U
120-82-1	1,2,4-Trichlorobenzene	870	U
91-20-3	Naphthalene	870	U
106-47-8	4-Chloroaniline	870	U
87-68-3	Hexachlorobutadiene	870	U
59-50-7	4-Chloro-3-Methylphenol	870	U
91-57-6	2-Methylnaphthalene	870	U
77-47-4	Hexachlorocyclopentadiene	870	U
88-06-2	2,4,6-Trichlorophenol	870	U
95-95-4	2,4,5-Trichlorophenol	4200	U
91-58-7	2-Chloronaphthalene	870	U
88-74-4	2-Nitroaniline	4200	U
131-11-3	Dimethylphthalate	870	U
208-96-8	Acenaphthylene	870	U
606-20-2	2,6-Dinitrotoluene	870	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199395

Sample wt/vol: 30.4 (g/mL) G Lab File ID: C1119R07

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 25 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4200	U
83-32-9	Acenaphthene	870	U
51-28-5	2,4-Dinitrophenol	4200	U
100-02-7	4-Nitrophenol	4200	U
132-64-9	Dibenzofuran	870	U
121-14-2	2,4-Dinitrotoluene	870	U
84-66-2	Diethylphthalate	870	U
7005-72-3	4-Chlorophenyl-phenylether	870	U
86-73-7	Fluorene	870	U
100-10-6	4-Nitroaniline	4200	U
534-52-1	4,6-Dinitro-2-Methylphenol	4200	U
86-30-6	N-Nitrosodiphenylamine (1)	870	U
101-55-3	4-Bromophenyl-phenylether	870	U
118-74-1	Hexachlorobenzene	870	U
87-86-5	Pentachlorophenol	4200	U
85-01-8	Phenanthrene	870	U
120-12-7	Anthracene	870	U
84-74-2	Di-n-Butylphthalate	870	U
206-44-0	Fluoranthene	870	U
129-00-0	Pyrene	870	U
85-68-7	Butylbenzylphthalate	870	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)Anthracene	870	U
218-01-9	Chrysene	870	U
117-81-7	bis(2-Ethylhexyl)Phthalate	870	U
117-84-0	Di-n-Octyl Phthalate	870	U
205-99-2	Benzo(b)Fluoranthene	870	U
207-08-9	Benzo(k)Fluoranthene	870	U
50-32-8	Benzo(a)Pyrene	870	U
193-39-5	Indeno(1,2,3-cd)Pyrene	870	U
53-70-3	Dibenz(a,h)Anthracene	870	U
191-24-2	Benzo(g,h,i)Perylene	870	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199395

Sample wt/vol: 30.4 (g/mL) G Lab File ID: C1119R07

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 25 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 9

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. HYDROCARBON	8.42	1000	J
2.	UNKNOWN ALIP. HYDROCARBON	8.59	910	BJ
3.	UNKNOWN	9.55	3200	BAJ
4.	UNKNOWN ALIP. KETONE	10.42	1700	J
5.	UNKNOWN	11.42	560	J
6.	UNKNOWN	11.90	590	J
7.	UNKNOWN	12.24	600	J
8. 4337-65-9	HEXANEDIOIC ACID, MONO(2-ETH	28.86	30000	J
9.	UNKNOWN	42.69	1800	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199396

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C1119R08

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 11 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	740	U
111-44-4	bis(2-Chloroethyl)Ether	740	U
95-57-8	2-Chlorophenol	740	U
541-73-1	1,3-Dichlorobenzene	740	U
106-46-7	1,4-Dichlorobenzene	740	U
100-51-6	Benzyl Alcohol	740	U
95-50-1	1,2-Dichlorobenzene	740	U
95-48-7	2-Methylphenol	740	U
108-60-1	bis(2-Chloroisopropyl)Ether	740	U
106-44-5	4-Methylphenol	740	U
621-64-7	N-Nitroso-Di-n-Propylamine	740	U
67-72-1	Hexachloroethane	740	U
98-95-3	Nitrobenzene	740	U
78-59-1	Isophorone	740	U
88-75-5	2-Nitrophenol	740	U
105-67-9	2,4-Dimethylphenol	740	U
65-85-0	Benzoic Acid	3600	U
111-91-1	bis(2-Chloroethoxy)Methane	740	U
120-83-2	2,4-Dichlorophenol	740	U
120-82-1	1,2,4-Trichlorobenzene	740	U
91-20-3	Naphthalene	740	U
106-47-8	4-Chloroaniline	740	U
87-68-3	Hexachlorobutadiene	740	U
59-50-7	4-Chloro-3-Methylphenol	740	U
91-57-6	2-Methylnaphthalene	740	U
77-47-4	Hexachlorocyclopentadiene	740	U
88-06-2	2,4,6-Trichlorophenol	740	U
95-95-4	2,4,5-Trichlorophenol	3600	U
91-58-7	2-Chloronaphthalene	740	U
88-74-4	2-Nitroaniline	3600	U
131-11-3	Dimethylphthalate	740	U
208-96-8	Acenaphthylene	740	U
606-20-2	2,6-Dinitrotoluene	740	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199396

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C1119R08

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 11 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3600	U
83-32-9	Acenaphthene	740	U
51-28-5	2,4-Dinitrophenol	3600	U
100-02-7	4-Nitrophenol	3600	U
132-64-9	Dibenzofuran	740	U
121-14-2	2,4-Dinitrotoluene	740	U
84-66-2	Diethylphthalate	740	U
7005-72-3	4-Chlorophenyl-phenylether	740	U
86-73-7	Fluorene	740	U
100-10-6	4-Nitroaniline	3600	U
534-52-1	4,6-Dinitro-2-Methylphenol	3600	U
86-30-6	N-Nitrosodiphenylamine (1)	740	U
101-55-3	4-Bromophenyl-phenylether	740	U
118-74-1	Hexachlorobenzene	740	U
87-86-5	Pentachlorophenol	3600	U
85-01-8	Phenanthrene	740	U
120-12-7	Anthracene	740	U
84-74-2	Di-n-Butylphthalate	740	U
206-44-0	Fluoranthene	740	U
129-00-0	Pyrene	740	U
85-68-7	Butylbenzylphthalate	740	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
56-55-3	Benzo(a)Anthracene	740	U
218-01-9	Chrysene	740	U
117-81-7	bis(2-Ethylhexyl)Phthalate	740	U
117-84-0	Di-n-Octyl Phthalate	740	U
205-99-2	Benzo(b)Fluoranthene	740	U
207-08-9	Benzo(k)Fluoranthene	740	U
50-32-8	Benzo(a)Pyrene	740	U
193-39-5	Indeno(1,2,3-cd)Pyrene	740	U
53-70-3	Dibenz(a,h)Anthracene	740	U
191-24-2	Benzo(g,h,i)Perylene	740	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199396

Sample wt/vol: 30.0 (g/mL) G Lab File ID: C1119R08

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 11 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 5

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. HYDROCARBON	8.55	700	BJ
2.	UNKNOWN	9.52	2600	BAJ
3.	UNKNOWN	10.17	760	BAJ
4.	UNKNOWN	10.39	890	J
5. 4337-65-9	HEXANEDIOIC ACID, MONO(2-ETH	28.81	19000	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 2010451022

. ɔ Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199397

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C1119R09

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 18 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	800	U
111-44-4	bis(2-Chloroethyl)Ether	800	U
95-57-8	2-Chlorophenol	800	U
541-73-1	1,3-Dichlorobenzene	800	U
106-46-7	1,4-Dichlorobenzene	800	U
100-51-6	Benzyl Alcohol	800	U
95-50-1	1,2-Dichlorobenzene	800	U
95-48-7	2-Methylphenol	800	U
108-60-1	bis(2-Chloroisopropyl)Ether	800	U
106-44-5	4-Methylphenol	800	U
621-64-7	N-Nitroso-Di-n-Propylamine	800	U
67-72-1	Hexachloroethane	800	U
98-95-3	Nitrobenzene	800	U
78-59-1	Isophorone	800	U
88-75-5	2-Nitrophenol	800	U
105-67-9	2,4-Dimethylphenol	800	U
65-85-0	Benzoic Acid	3900	U
111-91-1	bis(2-Chloroethoxy)Methane	800	U
120-83-2	2,4-Dichlorophenol	800	U
120-82-1	1,2,4-Trichlorobenzene	800	U
91-20-3	Naphthalene	800	U
106-47-8	4-Chloroaniline	800	U
87-68-3	Hexachlorobutadiene	800	U
59-50-7	4-Chloro-3-Methylphenol	800	U
91-57-6	2-Methylnaphthalene	800	U
77-47-4	Hexachlorocyclopentadiene	800	U
88-06-2	2,4,6-Trichlorophenol	800	U
95-95-4	2,4,5-Trichlorophenol	3900	U
91-58-7	2-Chloronaphthalene	800	U
88-74-4	2-Nitroaniline	3900	U
131-11-3	Dimethylphthalate	800	U
208-96-8	Acenaphthylene	800	U
606-20-2	2,6-Dinitrotoluene	800	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199397

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C1119R09

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 18 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	3900	U
83-32-9	Acenaphthene	330	J
51-28-5	2,4-Dinitrophenol	3900	U
100-02-7	4-Nitrophenol	3900	U
132-64-9	Dibenzofuran	170	J
121-14-2	2,4-Dinitrotoluene	800	U
84-66-2	Diethylphthalate	800	U
7005-72-3	4-Chlorophenyl-phenylether	800	U
86-73-7	Fluorene	370	J
100-10-6	4-Nitroaniline	3900	U
534-52-1	4,6-Dinitro-2-Methylphenol	3900	U
86-30-6	N-Nitrosodiphenylamine (1)	800	U
101-55-3	4-Bromophenyl-phenylether	800	U
118-74-1	Hexachlorobenzene	800	U
87-86-5	Pentachlorophenol	3900	U
85-01-8	Phenanthrene	3900	
120-12-7	Anthracene	1000	
84-74-2	Di-n-Butylphthalate	800	U
206-44-0	Fluoranthene	6600	
129-00-0	Pyrene	6300	J
85-68-7	Butylbenzylphthalate	800	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
56-55-3	Benzo(a)Anthracene	800	U
218-01-9	Chrysene	3800	
117-81-7	bis(2-Ethylhexyl)Phthalate	800	U
117-84-0	Di-n-Octyl Phthalate	800	U
205-99-2	Benzo(b)Fluoranthene	2900	
207-08-9	Benzo(k)Fluoranthene	2700	
50-32-8	Benzo(a)Pyrene	3100	
193-39-5	Indeno(1,2,3-cd)Pyrene	1900	
53-70-3	Dibenz(a,h)Anthracene	800	U
191-24-2	Benzo(g,h,i)Perylene	2000	

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199397

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C1119R09

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 18 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 19

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	9.54	3000	BAJ
2.		UNKNOWN	11.07	1400	J
3.		UNKNOWN PAH	24.77	1500	J
4.		UNKNOWN PAH	27.54	1000	J
5.		UNKNOWN PAH	27.82	3100	J
6.		UNKNOWN PAH	27.97	1500	J
7.		UNKNOWN PAH	28.11	1300	J
8.		UNKNOWN PAH	28.42	720	J
9.	4337-65-9	HEXANEDIOIC ACID, MONO(2-ETH	28.82	20000	J
10.		UNKNOWN	29.17	680	J
11.		UNKNOWN	29.46	1300	J
12.		UNKNOWN PAH	29.54	1300	J
13.		UNKNOWN PAH	29.59	980	J
14.		UNKNOWN	29.62	750	J
15.		UNKNOWN	29.69	750	J
16.		UNKNOWN	29.87	410	J
17.	195-19-7	BENZO[C]PHENANTHRENE	30.44	1200	J
18.		UNKNOWN	30.61	420	J
19.		UNKNOWN	30.76	440	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199398

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C1119R10

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 21 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	830	U
111-44-4	bis(2-Chloroethyl)Ether	830	U
95-57-8	2-Chlorophenol	830	U
541-73-1	1,3-Dichlorobenzene	830	U
106-46-7	1,4-Dichlorobenzene	830	U
100-51-6	Benzyl Alcohol	830	U
95-50-1	1,2-Dichlorobenzene	830	U
95-48-7	2-Methylphenol	830	U
108-60-1	bis(2-Chloroisopropyl)Ether	830	U
106-44-5	4-Methylphenol	830	U
621-64-7	N-Nitroso-Di-n-Propylamine	830	U
67-72-1	Hexachloroethane	830	U
98-95-3	Nitrobenzene	830	U
78-59-1	Isophorone	830	U
88-75-5	2-Nitrophenol	830	U
105-67-9	2,4-Dimethylphenol	830	U
65-85-0	Benzoic Acid	4000	U
111-91-1	bis(2-Chloroethoxy)Methane	830	U
120-83-2	2,4-Dichlorophenol	830	U
120-82-1	1,2,4-Trichlorobenzene	830	U
91-20-3	Naphthalene	830	U
106-47-8	4-Chloroaniline	830	U
87-68-3	Hexachlorobutadiene	830	U
59-50-7	4-Chloro-3-Methylphenol	830	U
91-57-6	2-Methylnaphthalene	830	U
77-47-4	Hexachlorocyclopentadiene	830	U
88-06-2	2,4,6-Trichlorophenol	830	U
95-95-4	2,4,5-Trichlorophenol	4000	U
91-58-7	2-Chloronaphthalene	830	U
88-74-4	2-Nitroaniline	4000	U
131-11-3	Dimethylphthalate	830	U
208-96-8	Acenaphthylene	830	U
606-20-2	2,6-Dinitrotoluene	830	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 2010451022

o Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199398

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C1119R10

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 21 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
99-09-2	3-Nitroaniline	4000	U
83-32-9	Acenaphthene	830	U
51-28-5	2,4-Dinitrophenol	4000	U
100-02-7	4-Nitrophenol	4000	U
132-64-9	Dibenzofuran	830	U
121-14-2	2,4-Dinitrotoluene	830	U
84-66-2	Diethylphthalate	830	U
7005-72-3	4-Chlorophenyl-phenylether	830	U
86-73-7	Fluorene	830	U
100-10-6	4-Nitroaniline	4000	U
534-52-1	4,6-Dinitro-2-Methylphenol	4000	U
86-30-6	N-Nitrosodiphenylamine (1)	830	U
101-55-3	4-Bromophenyl-phenylether	830	U
118-74-1	Hexachlorobenzene	830	U
87-86-5	Pentachlorophenol	4000	U
85-01-8	Phenanthrene	830	U
120-12-7	Anthracene	830	U
84-74-2	Di-n-Butylphthalate	830	U
206-44-0	Fluoranthene	230	J
129-00-0	Pyrene	210	J
85-68-7	Butylbenzylphthalate	830	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)Anthracene	830	U
218-01-9	Chrysene	830	U
117-81-7	bis(2-Ethylhexyl)Phthalate	830	U
117-84-0	Di-n-Octyl Phthalate	830	U
205-99-2	Benzo(b)Fluoranthene	830	U
207-08-9	Benzo(k)Fluoranthene	830	U
50-32-8	Benzo(a)Pyrene	830	U
193-39-5	Indeno(1,2,3-cd)Pyrene	830	U
53-70-3	Dibenz(a,h)Anthracene	830	U
191-24-2	Benzo(g,h,i)Perylene	830	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199398

Sample wt/vol: 30.1 (g/mL) G Lab File ID: C1119R10

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 21 dec. ____ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/20/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.0

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALIP. HYDROCARBON	8.57	670	BJ
2.	UNKNOWN	9.54	2500	BAJ
3.	UNKNOWN	10.19	1100	BAJ
4. 4337-65-9	HEXANEDIOIC ACID, MONO(2-ETH	28.82	11000	J
5.	UNKNOWN	33.12	760	J
6.	UNKNOWN ALIP. HYDROCARBON	33.87	970	J
7.	UNKNOWN ALIP. HYDROCARBON	37.31	1100	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G201

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199399

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

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. __ dec. __ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/21/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Hept. 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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	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.

G205

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) WATER Lab Sample ID: D199400

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

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. __ dec. __ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/21/91

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.00

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	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Hept. 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
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	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.

X101

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199392

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 dec. __ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/22/91

GPC Cleanup: (Y/N) Y pH: 7.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	22	U
319-85-7	beta-BHC	22	U
319-86-8	delta-BHC	22	U
58-89-9	gamma-BHC	22	U
76-44-8	Heptachlor	22	U
309-00-2	Aldrin	22	U
1024-57-3	Hept. epoxide	22	U
959-98-8	Endosulfan I	22	U
60-57-1	Dieldrin	42	U
72-55-9	4,4'-DDE	42	U
72-20-8	Endrin	42	U
33213-65-9	Endosulfan II	42	U
72-54-8	4.4'-DDD	42	U
1031-07-8	Endosulfan sulfate	42	U
50-29-3	4,4'-DDT	42	U
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	42	U
5103-71-9	alpha-Chlordane	220	U
5103-74-2	gamma-Chlordane	220	U
8001-35-2	Toxaphene	440	U
12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	210	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	420	U
11096-82-5	Aroclor-1260	420	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199393

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 8 dec. __ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/22/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Hept. epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	36	U
72-55-9	4,4'-DDE	36	U
72-20-8	Endrin	36	U
33213-65-9	Endosulfan II	36	U
72-54-8	4,4'-DDD	36	U
1031-07-8	Endosulfan sulfate	36	U
50-29-3	4,4'-DDT	36	U
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	36	U
5103-71-9	alpha-Chlordane	180	U
5103-74-2	gamma-Chlordane	180	U
8001-35-2	Toxaphene	370	U
12674-11-2	Aroclor-1016	180	U
11104-28-2	Aroclor-1221	180	U
11141-16-5	Aroclor-1232	180	U
53469-21-9	Aroclor-1242	180	U
12672-29-6	Aroclor-1248	180	U
11097-69-1	Aroclor-1254	360	U
11096-82-5	Aroclor-1260	360	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199394

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 22 dec. __ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/22/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	22	U
319-85-7	beta-BHC	22	U
319-86-8	delta-BHC	22	U
58-89-9	gamma-BHC	22	U
76-44-8	Heptachlor	22	U
309-00-2	Aldrin	22	U
1024-57-3	Hept. epoxide	22	U
959-98-8	Endosulfan I	22	U
60-57-1	Dieldrin	42	U
72-55-9	4,4'-DDE	42	U
72-20-8	Endrin	42	U
33213-65-9	Endosulfan II	42	U
72-54-8	4,4'-DDD	42	U
1031-07-8	Endosulfan sulfate	42	U
50-29-3	4,4'-DDT	42	U
72-43-5	Methoxychlor	220	U
53494-70-5	Endrin ketone	42	U
5103-71-9	alpha-Chlordane	220	U
5103-74-2	gamma-Chlordane	220	U
8001-35-2	Toxaphene	440	U
12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	210	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	420	U
11096-82-5	Aroclor-1260	420	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199395

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 25 dec. __ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/22/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	23	U
319-85-7	beta-BHC	23	U
319-86-8	delta-BHC	23	U
58-89-9	gamma-BHC	23	U
76-44-8	Heptachlor	23	U
309-00-2	Aldrin	23	U
1024-57-3	Hept. epoxide	23	U
959-98-8	Endosulfan I	23	U
60-57-1	Dieldrin	44	U
72-55-9	4,4'-DDE	44	U
72-20-8	Endrin	44	U
33213-65-9	Endosulfan II	44	U
72-54-8	4,4'-DDD	44	U
1031-07-8	Endosulfan sulfate	44	U
50-29-3	4,4'-DDT	44	U
72-43-5	Methoxychlor	230	U
53494-70-5	Endrin ketone	44	U
5103-71-9	alpha-Chlordane	230	U
5103-74-2	gamma-Chlordane	230	U
8001-35-2	Toxaphene	450	U
12674-11-2	Aroclor-1016	220	U
11104-28-2	Aroclor-1221	220	U
11141-16-5	Aroclor-1232	220	U
53469-21-9	Aroclor-1242	220	U
12672-29-6	Aroclor-1248	220	U
11097-69-1	Aroclor-1254	440	U
11096-82-5	Aroclor-1260	440	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199396

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

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 11 dec. __ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/22/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Hept. epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	37	U
72-55-9	4,4'-DDE	37	U
72-20-8	Endrin	37	U
33213-65-9	Endosulfan II	37	U
72-54-8	4,4'-DDD	37	U
1031-07-8	Endosulfan sulfate	37	U
50-29-3	4,4'-DDT	37	U
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	37	U
5103-71-9	alpha-Chlordane	190	U
5103-74-2	gamma-Chlordane	190	U
8001-35-2	Toxaphene	380	U
12674-11-2	Aroclor-1016	180	U
11104-28-2	Aroclor-1221	190	U
11141-16-5	Aroclor-1232	180	U
53469-21-9	Aroclor-1242	180	U
12672-29-6	Aroclor-1248	180	U
11097-69-1	Aroclor-1254	370	U
11096-82-5	Aroclor-1260	370	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199397

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 18 dec. __ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/22/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	21	U
319-85-7	beta-BHC	21	U
319-86-8	delta-BHC	21	U
58-89-9	gamma-BHC	21	U
76-44-8	Heptachlor	21	U
309-00-2	Aldrin	21	U
1024-57-3	Hept. epoxide	21	U
959-98-8	Endosulfan I	21	U
60-57-1	Dieldrin	40	U
72-55-9	4,4'-DDE	40	U
72-20-8	Endrin	40	U
33213-65-9	Endosulfan II	40	U
72-54-8	4,4'-DDD	360	
1031-07-8	Endosulfan sulfate	40	U
50-29-3	4,4'-DDT	480	
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	40	U
5103-71-9	alpha-Chlordane	210	U
5103-74-2	gamma-Chlordane	210	U
8001-35-2	Toxaphene	410	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	200	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	35	J
11096-82-5	Aroclor-1260	400	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 2010451022

Lab Code: SPFLD Case No.: GENERL SAS No.: _____ SDG No.: D19939

Matrix: (soil/water) SOIL Lab Sample ID: D199398

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

Level: (low/med) LOW Date Received: 11/06/91

% Moisture: not dec. 21 dec. __ Date Extracted: 11/07/91

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 11/22/91

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 1.00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	21	U
319-85-7	beta-BHC	21	U
319-86-8	delta-BHC	21	U
58-89-9	gamma-BHC	21	U
76-44-8	Heptachlor	21	U
309-00-2	Aldrin	21	U
1024-57-3	Hept. epoxide	21	U
959-98-8	Endosulfan I	21	U
60-57-1	Dieldrin	42	U
72-55-9	4,4'-DDE	42	U
72-20-8	Endrin	42	U
33213-65-9	Endosulfan II	42	U
72-54-8	4,4'-DDD	42	U
1031-07-8	Endosulfan sulfate	42	U
50-29-3	4,4'-DDT	59	
72-43-5	Methoxychlor	210	U
53494-70-5	Endrin ketone	42	U
5103-71-9	alpha-Chlordane	210	U
5103-74-2	gamma-Chlordane	210	U
8001-35-2	Toxaphene	430	U
12674-11-2	Aroclor-1016	210	U
11104-28-2	Aroclor-1221	210	U
11141-16-5	Aroclor-1232	210	U
53469-21-9	Aroclor-1242	210	U
12672-29-6	Aroclor-1248	210	U
11097-69-1	Aroclor-1254	420	U
11096-82-5	Aroclor-1260	420	U

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COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: GENERAL HYDRAULICS

Lab Code: ——— Case No.: ——— SAS No.: ——— SDG No.: —58—

SOW No.: ILM01.0

EPA Sample No.	Lab Sample ID
G201	B115669
G201S	B115669S
G201D	B115669D
C205	B115670
X101	B115671
X101S	B115671S
X101D	B115671D
X102	B115672
X103	B115673
X104	B115674
X105	B115675
X106	B115676
X107	B115677

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Were ICP interelement corrections applied? Yes ——

Were ICP background corrections applied? Yes ——
If yes, were raw data generated before application of background corrections? No ——

Comments: -1.0 ML OF 1:1 HCL ADDED TO MICROWAVE DIGESTION PROCEDURE TO IMPROVE ANTIMONY RECOVERY.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other that the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Roy Frazier Name: ROY FRAZIER
Date: 12/17/91 Title: LAB MGR

B000001

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

EPA SAMPLE NO

G201

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: GENERAL HYDRAULICS
Lab Code: Case No.: SAS No.: SDG No.: 58
Matrix (Water): Lab Sample ID: B115669
Level (Low/Med): Date Received: 11/07/91
% Solids:

Concentration Units (ug/L):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	84	U		PM	
7440-36-0	Antimony	55	U		PM	
7440-38-2	Arsenic	0.6	U	W	FM	J
7440-39-3	Barium	69.6	B		PM	
7440-41-7	Beryllium	1.3	U		PM	
7440-43-9	Cadmium	3.6	U		PM	
7440-70-2	Calcium	91900			PM	
7440-47-3	Chromium	5.1	U		PM	
7440-48-4	Cobalt	9.3	U		PM	
7440-50-8	Copper	6.6	U		PM	
7439-89-6	Iron	23	U		PM	
7439-92-1	Lead	1.7	B	N,*	FM	J
7439-95-4	Magnesium	36900			PM	
7439-96-5	Manganese	4.4	U		PM	
7439-97-6	Mercury	0.17			AV	
7440-02-2	Nickel	11	U		PM	J
7440-09-7	Potassium	3840	B		PM	
7782-49-2	Selenium	1.6	B	W,N	FM	J
7440-22-4	Silver	7.5	U		PM	
7440-23-5	Sodium	29600			PM	
7440-28-0	Thallium	2.6	U		FM	
7440-62-2	Vanadium	10	U		PM	
7440-66-6	Zinc	28.5			PM	
	Cyanide	10	U		AS	
	Sulfide	1000	U		T	
	Sulfate	45000			AS	

Color Before: Colorless Clarity Before: Clear Texture:
Color After: Colorless Clarity After: Clear Artifacts:
Comments: SULFIDE SW846 METHODOLOGY
SULFATE IEPA METHODOLOGY

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

EPA SAMPLE NO.
G205

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: GENERAL HYDRAULICS
Lab Code: Case No.: SAS No.: SDG No.: 58
Matrix (Water): Lab Sample ID: B115670
Level (Low/Med): Date Received: 11/07/91
% Solids:

Concentration Units (ug/L):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	84	U		PM	
7440-36-0	Antimony	55	U		PM	
7440-38-2	Arsenic	1.0	B		FM	
7440-39-3	Barium	64.4	B		PM	
7440-41-7	Beryllium	1.3	U		PM	
7440-43-9	Cadmium	3.6	U		PM	
7440-70-2	Calcium	88300			PM	
7440-47-3	Chromium	9.6	B		PM	
7440-48-4	Cobalt	9.3	U		PM	
7440-50-8	Copper	9.4	B		PM	
7439-89-6	Iron	23	U		PM	
7439-92-1	Lead	0.7	U	N,*	FM	4
7439-95-4	Magnesium	37100			PM	
7439-96-5	Manganese	4.4	U		PM	
7439-97-6	Mercury	0.12			AV	
7440-02-2	Nickel	11	U		PM	4
7440-09-7	Potassium	4640	B		PM	
7782-49-2	Selenium	1.6	B	W,N	FM	4
7440-22-4	Silver	7.5	U		PM	
7440-23-5	Sodium	27000			PM	
7440-28-0	Thallium	2.6	U		FM	
7440-62-2	Vanadium	10	U		PM	
7440-66-6	Zinc	45.3			PM	
	Cyanide	10	U		AS	
	Sulfide	1000	U		T	
	Sulfate	43000			AS	

Color Before: Colorless Clarity Before: Clear Texture:
Color After: Colorless Clarity After: Clear Artifacts:
Comments: SULFIDE SW846 METHODOLOGY
SULFATE IEPA METHODOLOGY

E000005

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

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: GENERAL HYDRAULICS
Lab Code: Case No.: SAS No.: SDG No.: 58
Matrix (Soil): Lab Sample ID: B115671
Level (Low/Med): Date Received: 11/07/91
% Solids: 74.0

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	13100			PM	
7440-36-0	Antimony	15	U	N	PM	R
7440-38-2	Arsenic	3.8			FM	
7440-39-3	Barium	138			PM	
7440-41-7	Beryllium	0.8	B		PM	
7440-43-9	Cadmium	1.0	U	N	PM	
7440-70-2	Calcium	33900			PM	
7440-47-3	Chromium	39			PM	
7440-48-4	Cobalt	8.1	B		PM	
7440-50-8	Copper	46			PM	J
7439-89-6	Iron	20400			PM	
7439-92-1	Lead	30.3			FM	
7439-95-4	Magnesium	18500			PM	
7439-96-5	Manganese	810			PM	
7439-97-6	Mercury	0.05	B		AS	
7440-02-2	Nickel	35		*	PM	
7440-09-7	Potassium	1560			PM	
7782-49-2	Selenium	0.3	U	W,N	FM	J
7440-22-4	Silver	2.0	U		PM	
7440-23-5	Sodium	430	U		PM	
7440-28-0	Thallium	0.5	B		FM	J
7440-62-2	Vanadium	26			PM	
7440-66-6	Zinc	170			PM	
	Cyanide	1.1	U		AS	

Color Before: Black Clarity Before: Opaque Texture: Fine
Color After: Green Clarity After: Clear Artifacts:
Comments:

FORM I - IN
SOIL

3/90

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: GENERAL HYDRAULICS
Lab Code: Case No.: SAS No.: SDG No.: 58
Matrix (Soil): Lab Sample ID: B115672
Level (Low/Med): Date Received: 11/07/91
% Solids: 84.9

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	8580			PM	
7440-36-0	Antimony	13	U	N	PM	R
7440-38-2	Arsenic	2.6			FM	
7440-39-3	Barium	69			PM	
7440-41-7	Beryllium	0.5	B		PM	
7440-43-9	Cadmium	0.8	U	N	PM	
7440-70-2	Calcium	13300			PM	
7440-47-3	Chromium	16			PM	
7440-48-4	Cobalt	4.9	B		PM	
7440-50-8	Copper	6.9	U		PM	J
7439-89-6	Iron	12600			PM	
7439-92-1	Lead	6.6			FM	
7439-95-4	Magnesium	7900			PM	
7439-96-5	Manganese	416			PM	
7439-97-6	Mercury	0.02	U		AS	
7440-02-2	Nickel	9.1	B	*	PM	
7440-09-7	Potassium	655	B		PM	
7782-49-2	Selenium	0.3	U	W,N	FM	J
7440-22-4	Silver	1.7	U		PM	
7440-23-5	Sodium	371	U		PM	
7440-28-0	Thallium	0.1	U		FM	J
7440-62-2	Vanadium	18			PM	
7440-66-6	Zinc	39			PM	
	Cyanide	0.98	U		AS	

Color Before: Black Clarity Before: Opaque Texture: Fine
Color After: Green Clarity After: Clear Artifacts:
Comments:

FORM I - IN
SOIL

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E000005

U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
X103

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: GENERAL HYDRAULICS
Lab Code: Case No.: SAS No.: SDG No.: 58
Matrix (Soil): Lab Sample ID: B115673
Level (Low/Med): Date Received: 11/07/91
% Solids: 77.2

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	13500			PM	
7440-36-0	Antimony	14	U	N	PM	R
7440-38-2	Arsenic	5.0			FM	
7440-39-3	Barium	145			PM	
7440-41-7	Beryllium	0.8	B		PM	
7440-43-9	Cadmium	0.9	U	N	PM	
7440-70-2	Calcium	11600			PM	
7440-47-3	Chromium	23			PM	
7440-48-4	Cobalt	6.5	B		PM	
7440-50-8	Copper	13	U		PM	J
7439-89-6	Iron	19100			PM	
7439-92-1	Lead	14.2			FM	
7439-95-4	Magnesium	6200			PM	
7439-96-5	Manganese	730			PM	
7439-97-6	Mercury	0.03	U		AS	
7440-02-2	Nickel	17		*	PM	
7440-09-7	Potassium	1030	B		PM	
7782-49-2	Selenium	0.3	U	W,N	FM	J
7440-22-4	Silver	1.9	U		PM	
7440-23-5	Sodium	410	U		PM	
7440-28-0	Thallium	0.3	B		FM	J
7440-62-2	Vanadium	28			PM	
7440-66-6	Zinc	66			PM	
	Cyanide	1.1	U		AS	

Color Before: Black Clarity Before: Opaque Texture: Fine
Color After: Green Clarity After: Clear Artifacts:
Comments:

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U.S. EPA - CLP
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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: GENERAL HYDRAULICS
Lab Code: Case No.: SAS No.: SDG No.: 58
Matrix (Soil): Lab Sample ID: B115674
Level (Low/Med): Date Received: 11/07/91
% Solids: 76.7

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	17500			PM	
7440-36-0	Antimony	14	U	N	PM	R
7440-38-2	Arsenic	2.4			FM	
7440-39-3	Barium	182			PM	
7440-41-7	Beryllium	1.0	B		PM	
7440-43-9	Cadmium	0.9	U	N	PM	
7440-70-2	Calcium	10000			PM	
7440-47-3	Chromium	28			PM	
7440-48-4	Cobalt	11	B		PM	
7440-50-8	Copper	16			PM	J
7439-89-6	Iron	22700			PM	
7439-92-1	Lead	13.7			FM	
7439-95-4	Magnesium	5200			PM	
7439-96-5	Manganese	1000			PM	
7439-97-6	Mercury	0.03	U		AS	
7440-02-2	Nickel	20		*	PM	
7440-09-7	Potassium	1100	B		PM	
7782-49-2	Selenium	0.3	U	W,N	FM	J
7440-22-4	Silver	1.9	U		PM	
7440-23-5	Sodium	410	U		PM	
7440-28-0	Thallium	0.2	B		FM	J
7440-62-2	Vanadium	34			PM	
7440-66-6	Zinc	86			PM	
	Cyanide	1.1	U		AS	

Color Before: Black Clarity Before: Opaque Texture: Fine
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

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

EPA SAMPLE NO.
X105

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: GENERAL HYDRAULICS
Lab Code: Case No.: SAS No.: SDG No.: 58
Matrix (Soil): Lab Sample ID: B115675
Level (Low/Med): Date Received: 11/07/91
% Solids: 86.3

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	2690			PM	
7440-36-0	Antimony	13	U	N	PM	R
7440-38-2	Arsenic	2.6			FM	
7440-39-3	Barium	39	B		PM	
7440-41-7	Beryllium	0.3			PM	
7440-43-9	Cadmium	-0.4		N	PM	
7440-70-2	Calcium	53300			PM	
7440-47-3	Chromium	12			PM	
7440-48-4	Cobalt	2.1			PM	
7440-50-8	Copper	6.5	U		PM	J
7439-89-6	Iron	11000			PM	
7439-92-1	Lead	5.3			FM	
7439-95-4	Magnesium	32400			PM	
7439-96-5	Manganese	397			PM	
7439-97-6	Mercury	0.02	U		AS	
7440-02-2	Nickel	12		*	PM	
7440-09-7	Potassium	420	B		PM	
7782-49-2	Selenium	0.3	U	N	FM	J
7440-22-4	Silver	1.8	U		PM	
7440-23-5	Sodium	380	U		PM	
7440-28-0	Thallium	0.1	U		FM	J
7440-62-2	Vanadium	22			PM	
7440-66-6	Zinc	19			PM	
	Cyanide	0.96	U		AS	

Color Before: Brown Clarity Before: Opaque Texture: Medium
Color After: Colorless Clarity After: Clear Artifacts:
Comments:

FORM I - IN
SOIL

3/90

E000006

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

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: GENERAL HYDRAULICS
Lab Code: Case No.: SAS No.: SDG No.: 58
Matrix (Soil): Lab Sample ID: B115676
Level (Low/Med): Date Received: 11/07/91
% Solids: 80.0

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	9000			PM	
7440-36-0	Antimony	13	U	N	PM	R
7440-38-2	Arsenic	3.1			FM	
7440-39-3	Barium	100			PM	
7440-41-7	Beryllium	0.6	B		PM	
7440-43-9	Cadmium	0.8	U	N	PM	
7440-70-2	Calcium	12000			PM	
7440-47-3	Chromium	27			PM	
7440-48-4	Cobalt	4.4	B		PM	
7440-50-8	Copper	78			PM	J
7439-89-6	Iron	13400			PM	
7439-92-1	Lead	42			FM	
7439-95-4	Magnesium	4200			PM	
7439-96-5	Manganese	325			PM	
7439-97-6	Mercury	0.03	U		AS	
7440-02-2	Nickel	33		*	PM	
7440-09-7	Potassium	580	B		PM	
7782-49-2	Selenium	0.3	B	W,N	FM	J
7440-22-4	Silver	1.8	U		PM	
7440-23-5	Sodium	380	U		PM	
7440-28-0	Thallium	0.4	B		FM	J
7440-62-2	Vanadium	21			PM	
7440-66-6	Zinc	115			PM	
	Cyanide	1.0	U		AS	

Color Before: Black Clarity Before: Opaque Texture: Fine
Color After: Green Clarity After: Clear Artifacts:
Comments:

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

EPA SAMPLE NO.
X107

Lab Name: ILLINOIS EPA CHAMPAIGN LAB Contract: GENERAL HYDRAULICS
Lab Code: Case No.: SAS No.: SDG No.: 58
Matrix (Soil): Lab Sample ID: B115677
Level (Low/Med): Date Received: 11/07/91
% Solids: 79.5

Concentration Units (mg/kg dry weight):

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum	9960			PM	
7440-36-0	Antimony	13	U	N	PM	R
7440-38-2	Arsenic	4.0			FM	
7440-39-3	Barium	143			PM	
7440-41-7	Beryllium	0.6	B		PM	
7440-43-9	Cadmium	0.8	U	N	PM	
7440-70-2	Calcium	4100			PM	
7440-47-3	Chromium	18			PM	
7440-48-4	Cobalt	5.7			PM	
7440-50-8	Copper	12	u		PM	J
7439-89-6	Iron	12300			PM	
7439-92-1	Lead	27.8			FM	
7439-95-4	Magnesium	2300			PM	
7439-96-5	Manganese	810			PM	
7439-97-6	Mercury	0.03	U		AS	
7440-02-2	Nickel	13		*	PM	
7440-09-7	Potassium	1400			PM	
7782-49-2	Selenium	0.3	U	W,N	FM	J
7440-22-4	Silver	1.8	U		PM	
7440-23-5	Sodium	380	U		PM	
7440-28-0	Thallium	0.7	B		FM	J
7440-62-2	Vanadium	24			PM	
7440-66-6	Zinc	64			PM	
	Cyanide	1.0	U		AS	

Color Before: Black Clarity Before: Opaque Texture: Fine
Color After: Green Clarity After: Cloudy Artifacts:
Comments:

FORM I - IN
SOIL

3/90

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7055

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
	X101	11-5-91	4:30p

Sample Appearance : dark silty clay

Collector Comments: 40.5' W. of NATC dock in center of ditch

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	( )	( )	( )
1	5	32oz		BNA, PEST/PCB			

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007055 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 2:50pm Seal #: 0007056

Courier - sample pickup: _____

[illegible]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7053

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
	X101	11-5-91	4:30pm

Sample Appearance : dark silty clay

Collector Comments: 40.5' W of NATC dock in center of ditch

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
1	5	32oz		TOTAL METALS, CYANIDE, SULFIDE, SULFATE, MERCURY	N		

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007053 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 2:50pm Seal #: 0007054

Courier - sample pickup: Fed. Ex.

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 0055

Date Sealed: 11/4/91 By: AWW

Facility
Name: GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory #: 2010451022
Site Billing Code: SA-06
Project Manager: TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	X102	11-5-91	3:45 pm

Sample Appearance: dark silty clay

Collector Comments: 40' N of NE corner of truck loading dock at NATC

Sampler Signature: Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	)	)	)
1	5	32oz		BNA, PEST/PCB	)	)	)

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007055 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-6-91 Time: 2:50pm Seal #: 0007056

Courier - sample pickup: _____

[redacted]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7053

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	X10Z	11-5-91	3:45pm

Sample Appearance : dark silty clay

Collector Comments: 40' N. of NE corner of truck loading dock at NAIC 45' SW of SW corner of Accro

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING CY/N	Date	Time
1	5	32oz		TOTAL METALS, CYANIDE, SULFIDE, SULFATE, MERCURY	N	/	/

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007053 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 2:50pm Seal #: 0007054

Courier - sample pickup: Fed. Ex.

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7055

Date Sealed: 11/4/91 By: KWW

Facility
Name: GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory #: 2010451022
Site Billing Code: SA-06
Project Manager: TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	X103	11-5-91	1:20pm

Sample Appearance: black silty dry soil

Collector Comments: 60' NW of NATC

Sampler Signature: Timothy J. Murphy Division/Company IEPA

CONTAINER No	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
2	12	2oz		VOA	( )	( )	( )
1	5	32oz		~~BNA~~ PEST/PCB	( )	( )	( )

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007055 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-6-91 Time: 2:50pm Seal #: 0007056

Courier - sample pickup: _____

Courier - sample delivery: _____

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7053

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
	X103	11-5-91	1:20pm

Sample Appearance : black silty clay soil

Collector Comments: 60' NW of NATC old bldg

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
1	5	32oz		TOTAL METALS, CYANIDE, SULFIDE, SULFATE, MERCURY	N		

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007053 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-6-91 Time: 2:50 pm Seal #: 0007054

Courier - sample pickup: Fed. Ex.

[redacted]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7055

Date Sealed: 11/4/91 By: AWW

Facility
Name: GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory #: 2010451022
Site Billing Code: SA-06
Project Manager: TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
	X104	11-5-91	2:~~00~~ 45 pm TJM

Sample Appearance: black silty clay

Collector Comments: 35' W of new dock @ NATC, ~~30~~ 37' N

Sampler Signature: Timothy J. Murphy Division/Company: IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
2	2	2oz		VOA	Y	/	/
1	5	32oz		BNA, PEST/PCB			

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007055 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-6-91 Time: 2:50pm Seal #: 0007056

Courier - sample pickup:

Courier - sample delivery:

[illegible]

Opened by (print):

[illegible]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7053

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	X104	11-5-91	2:~~00~~ 45 pm TJM

Sample Appearance : black silty clay Same as X103

Collector Comments: 35' W of New dock at NATC, ~~36~~ 37' N

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
1	5	32oz		TOTAL METALS, CYANIDE, SULFIDE, SULFATE, MERCURY			

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007053 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-6-91 Time: 2:50pm Seal #: 0007054

Courier - sample pickup: Fed. Ex.

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7055

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	X105	11-5-91	4:50 pm

Sample Appearance : sand/gravel

Collector Comments: 90' W of asphalt's end in low spot

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	/	/	/
1	5	32oz		~~BNA~~ PEST/PCB			

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11 pm Seal #: 0007055 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 2:50 pm Seal #: 0007056

Courier - sample pickup: _____

[redacted]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7053

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	X105	11-5-91	4:50pm

Sample Appearance : Sand/gravel

Collector Comments: 90' W of asphalts end in low spot

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
1	5	32oz		TOTAL METALS, CYANIDE, SULFIDE, SULFATE, MERCURY	N		

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Timothy Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007053 Intact? Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 2:50pm Seal #: 0007054

Courier - sample pickup: Fed. Ex.

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7055

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	X106	11-5-91	5:15pm

Sample Appearance : ~~Sand/gravel~~ TJM dark sandy silt

Collector Comments: from center of stockpiled contaminated soil at NATC

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
2	12	2oz		VOA	/	/	/
1	5	32oz		BNA, PEST/PCB			

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007055 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-6-91 Time: 2:50pm Seal #: 0007056

Courier - sample pickup: _____

[redacted]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 0053

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	X106	11-5-91	5:15pm

Sample Appearance : ~~sand/gravel~~ TJM dark sandy silt

Collector Comments: from center of stockpiled soil at NATC

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
1	5	32oz		TOTAL METALS, CYANIDE, SULFIDE, SULFATE, MERCURY	N		

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007053 TJM Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-6-91 Time: 2:50pm Seal #: 0007054

Courier - sample pickup: _____

[redacted]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7055

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
	X107	11-5-91	5:45pm

Sample Appearance : dark sandy silt

Collector Comments: St. Peters schoolyard

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
2	12	2oz		VOA	/	/	/
1	5	32oz		BNA, PEST/PCB			

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11 pm Seal #: 0007055 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-6-91 Time: 2:50pm Seal #: 0007056

Courier - sample pickup: _____

Courier - sample delivery: _____

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7053

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
	X107	11-5-91	5:45pm

Sample Appearance : dark sandy silt

Collector Comments: St. Peters School yard

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
1	5	32oz		TOTAL METALS, CYANIDE, SULFIDE, SULFATE, MERCURY	N		

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-5-91 Time: 1:11pm Seal #: 0007053 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11-6-91 Time: 2:50pm Seal #: 0007054

Courier - sample pickup: Fed. Ex.

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7081

Date Sealed: 11/4/91 By: AWW

Facility Name: GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory #: 2010451022
Site Billing Code: SA-06
Project Manager: TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
	TB	11/6/91	9:25A

Sample Appearance:

Collector Comments:

Sampler Signature: Timothy J. Murphy Division/Company IEPA

CONTAINER No	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
2	8	40ml		TRIP BLANK	/	/	/

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 8:55A Seal #: 0007081 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 9:45A Seal #: 0007082

Courier - sample pickup:

Courier - sample delivery:

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7083

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
	G201	11/6/91	12:20pm

Sample Appearance : clear

Collector Comments: 508 Hayes

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
5	8	40ml		VOA, LOW DETECTION LIMIT			
2	9	80oz		BNA			
2	9	80oz		PEST/PCB			

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 11:55 Am Seal #: 0007083 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 12:35pm Seal #: 0007084

Courier - sample pickup: _____

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7059

Date Sealed: 11/4/91 By: AWW

Facility
Name: GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory #: 2010451022
Site Billing Code: SA-06
Project Manager: TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	G201	11/6/91	12:20 pm

Sample Appearance: clear

Collector Comments: 508 Hayes Ave

Sampler Signature: Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No	Code	Size	Pres		(Y/N)	Date	Time
1	3	1l	GRN	TOTAL METALS			
1	3	1l	BLK	CYANIDE			
1	3	1l	RED	SULFIDE			
1	3	1l		SULFATE			
1	10	500ml	GRY	MERCURY			

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 8:55A Seal #: 0007059 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 12:35pm Seal #: 0007050 TJM

Courier - sample pickup: Fed. Ex.

[redacted]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7057

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	G202	11/6/91	11:50 Am

Sample Appearance : clear

Collector Comments: 522 Hayes Ave

Sampler Signature : Timothy J. Murphy Division/Company IEPA

#	CONTAINER				ANALYSIS	FILTERING		
	No.	Code	Size	Pres		(Y/N)	Date	Time
	5	8	40ml		VOA, LOW DETECTION LIMIT	/	/	/

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 9:40A Seal #: 0007057 Intact?: (Y) N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 2:45pm Seal #: 0007058

Courier - sample pickup: _____

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7057

Date Sealed: 11/4/91 By: AWW

Facility
Name: GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory #: 2010451022
Site Billing Code: SA-06
Project Manager: TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	G 203 (AP)	11/6/91 (AP)	12:55 pm

Sample Appearance:

Collector Comments:

Sampler Signature: Timothy J. Murphy Division/Company IEPA

*	CONTAINER			ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
5	S	40ml		VOA, LOW DETECTION LIMIT	/	/	/

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: _____ Time: _____ Seal #: 0007057 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: _____ Time: _____ Seal #: 0007058

Courier - sample pickup: _____

[redacted]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7057

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010[redacted]1022
Site Billing Code: SA-0[redacted]
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	G204	11/6/91	11:15A

Sample Appearance : Clear

Collector Comments: 526 Hayes Ave

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No	Code	Size	Pres		(Y/N)	Date	Time
5	8	40ml		VOA, LOW DETECTION LIMIT	/	/	/

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 9:40 A Seal #: 0007057 Intact?: Y N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 2:45pm Seal #: 0007058

Courier - sample pickup: _____

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7059

Date Sealed: 11/4/91 By: AWW

Facility
Name: GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory #: 2010451022
Site Billing Code: SA-06
Project Manager: TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	G205	11/6/91	9:25am

Sample Appearance: clear

Collector Comments: 528 Hayes Ave

Sampler Signature: Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		(Y/N)	Date	Time
1	3	1l	GRN	TOTAL METALS			
1	3	1l	BLK	CYANIDE			
1	3	1l	RED	SULFIDE			
1	3	1l		SULFATE			
1	10	500ml	GRY	MERCURY			

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 8:55A Seal #: 0007059 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 12:35pm Seal #: 00070[redacted]60 TJM

Courier - sample pickup: Fed. Ex.

Carrier - sample delivery

[illegible]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7081

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	G2[redacted]	11/6/91	9:25am

Sample Appearance : clear

Collector Comments: 528 [redacted] Ave

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No	Code	Size	Pres		(Y/N)	Date	Time
5	8	40ml		VOA, LOW DETECTION LIMIT	/	/	/
2	9	80oz		BNA			
2	9	80oz		PEST/PCB			

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 8:55A Seal #: 0007081 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 9:45A Seal #: 0007082

Courier - sample pickup: _____

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7057
Date Sealed: 11/4/91 By: AWW

Facility
Name: GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory #: 2010451022
Site Billing Code: SA-06
Project Manager: TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
	G206	11/6/91	10:00 AM

Sample Appearance: clear

Collector Comments: 530 Hayes Ave.

Sampler Signature: Timothy J. Murphy Division/Company IEPA

*	CONTAINER				ANALYSIS	FILTERING		
	No.	Code	Size	Pres		(Y/N)	Date	Time
	5	S	40ml		VOA, LOW DETECTION LIMIT	/	/	/

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 9:40 AM Seal #: 0007057 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 2:45pm Seal #: 0007058

Courier - sample pickup: _____

Courier - sample drop: _____

(print)

IEPA - CLP
CHAIN OF CUSTODY

Seal #: M057

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	G207	11/6/91	2:35pm

Sample Appearance : clear

*Collector Comments: 527 Hayes Ave

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER No.	Code	Size	Pres	ANALYSIS	FILTERING (Y/N)	Date	Time
5	S	40ml		VOA, LOW DETECTION LIMIT	/	/	/

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 9:40A Seal #: 0007057 Intact?: (Y) / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 2:45pm Seal #: 0007058

Courier - sample pickup: _____

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7D57

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	G208	11/6/91	10:40A

Sample Appearance : Clear

Collector Comments: S21 Hayes

Sampler Signature : Timothy J. Murphy Division/Company IEPA

#	CONTAINER			ANALYSIS	FILTERING		
	No.	Code	Size	Pres		(Y/N)	Date	Time
5	8		40ml		VOA, LOW DETECTION LIMIT	/	/	/

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 9:40A Seal #: 0007057 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 2:45pm Seal #: 0007058

Courier - sample pickup: _____

[redacted]

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 7057

Date Sealed: 11/4/91 By: AWW

Facility
Name : GENERAL HYDRAULICS
Region: ROCKFORD
County: WINNEBAGO

Site Inventory # : 2010451022
Site Billing Code: SA-06
Project Manager : TIM MURPHY

LABORATORY #	SAMPLE I.D.	SAMPLE DATE	SAMPLE TIME
[redacted]	G209	11/6/91	1:30pm

Sample Appearance : clear

Collector Comments: 50 gr 505 Hayes Ave.

Sampler Signature : Timothy J. Murphy Division/Company IEPA

CONTAINER				ANALYSIS	FILTERING		
No.	Code	Size	Pres		CY/N	Date	Time
5	S	40ml		VOA, LOW DETECTION LIMIT	/	/	/

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 9:40A Seal #: 0007057 Intact?: Y / N

I certify that the sample listed above was collected and placed in bottles in my presence, that each bottle was placed intact in the sample shipping container and that I sealed the sample shipping container at the date and time listed below.

Sealed by (print): Tim Murphy Signature: Timothy J. Murphy

Date: 11/6/91 Time: 2:45pm Seal #: 0007058

Courier - sample pickup: _____

[redacted]

FEDERAL EXPRESS MULTIPLE PACKAGE SHIPMENT LABELS

SHIPMENT DATE 11/6

MASTER AIRBILL NUMBER 7497469162

2 OF 2 9008639805

DESCRIPTION

OF 9008639814

DESCRIPTION

OF 9008639823

DESCRIPTION

OF 9008639832

DESCRIPTION

OF 9008639841

DESCRIPTION

PART #138295 REV 4/90 © 1990 F.E.C. WCS 4-91
SHIPPER COPY FORMAT #073

FEDERAL EXPRESS

USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII.
USE THE INTERNATIONAL AIR WAYBILL FOR SHIPMENTS TO PUERTO RICO AND ALL NON U.S. LOCATIONS.
QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL PACKAGE TRACKING NUMBER 7497469162

SENDER'S COPY

1 7497469162

Date 11/6/91

Sender's Federal Express Account Number 1427-0011-4

Your Phone Number (Very Important) (217) 5241657

(Your Name) Please Print Timothy J. Murphy

Department/Floor No.

Company EPA/FISCAL SERVICES

Address PO CHURCHILL RD

State IL ZIP Required 62794

City SPRINGFIELD

(First 24 characters will appear on invoice.)

600/LPC

1 Bill Sender 2 Bill Recipient's FedEx Acct. No. 3 Bill 3rd Party FedEx Acct. No. 4 Bill Credit Card

Expiration Date

2 To (Recipient's Name) Please Print Roy Frazier

Recipient's Phone Number (Very Important) (217) 333-6707

Department/Floor No.

Company IEPA Laboratory

Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) 2125 S. First St.

State IL ZIP Required 61820

City Champaign

4 IF HOLD FOR PICK-UP, Print FEDEX Address Here

Street Address

State ZIP Required

City

SERVICES (Check only one box.)

Standard Overnight Service (Delivery by next business afternoon†)

51 ☐ FEDEX LETTER *

56 ☐ FEDEX PAK *

52 ☐ FEDEX BOX

53 ☐ FEDEX TUBE

Heavyweight Service (for Extra Large or any package over 150 lbs.)

70 ☐ HEAVYWEIGHT **

80 ☐ DEFERRED HEAVYWEIGHT **

*Declared Value Limit $100.
**Call for delivery schedule.

DELIVERY AND SPECIAL HANDLING

1 ☐ HOLD FOR PICK-UP (Fill in Box H)

2 ☒ DELIVER WEEKDAY

3 DELIVER SATURDAY (Extra charge) (Not available to all locations) ☐

4 ☐ DANGEROUS GOODS (Extra charge) (CSS not available for Dangerous Goods Shipments)

5 ☐ CONSTANT SURVEILLANCE SVC. (CSS) (Extra charge) (Release Signature Not Applicable)

6 ☐ DRY ICE _____ Lbs.

7 ☐ OTHER SPECIAL SERVICE

8 ☐

9 ☐ SATURDAY PICK-UP (Extra charge)

10 ☐

11 ☐ DESCRIPTION

12 ☐ HOLIDAY DELIVERY (If offered) (Extra charge)

PACKAGES	WEIGHT In Pounds Only	YOUR DECLARED VALUE (See right)	OVER SIZE
Total	Total 40	Total	

DIM SHIPMENT (Heavyweight Services Only) _____ lbs.

Received At

1 ☐ Regular Stop 3 ☐ Drop Box 4 ☐ B.S.C. 5 ☐ Station 2 ☐ On-Call Stop

FedEx Emp. No. 22410

5 Release Signature:

Date/Time 11/6 1400

SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY

Use of this airbill constitutes your agreement to the service conditions in our current Service Guide, available upon request. See back of sender's copy of this airbill for information.

We will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss for a timely claim. Maximum amount limitations found in the current Federal Express Service Guide apply. Your right to recover from Federal Express for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the declared value specified to the left. Recovery cannot exceed actual documented loss.

In the event of untimely delivery, Federal Express will at your request and with some limitations, refund all transportation charges paid. See Service Guide for further information.

Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and shall indemnify and hold harmless Federal Express from any claims resulting therefrom.

For Federal Express Use

Base Charges

Declared Value Charge

Other 1

Other 2

Total Charges

REVISION DATE 11/90
PART #119501 FXEM 4/90
FORMAT #014

014

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