LPC# 1971100002--Will Co.
Celotex
ILD981961634
Superfund/HRS
Volume 2 of 2

EPA Region 5 Records Ctr.
237096

# CERCLA

## Screening Site Inspection Analytical Results

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

*Confidential Material May be Enclosed*

IEPA - CLP
CHAIN OF CUSTODY

D077442

Seal #: 5707

Date Sealed: 11/20/89 By: AWW

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D. | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | G101 | 11-20-89 | 10:45 |

Sample Appearance : Semi-clear

Collector Comments : Groundwater

Sampler Signature John Morgan Division/Company

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 8 | 40ml | | VOA | N | 11-20-89 | 10:45 |
| 2 | 9 | 80oz | | BNA | N | 11-20-89 | 10:45 |
| 2 | 9 | 80oz | | PEST/PCB | N | 11-20-89 | 10:45 |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): JOHN MORGAN Signature: John Morgan

Date 11-20-89 Time 10:45 Seal # 5707 Intact? Y

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

Sealed by (print): John Morgan Signature: John Morgan

Date: 11-20-89 Time: 11:20 Seal #: 5708

Courier - sample pickup: _____

Courier - sample delivery: _____

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 11:50 AM Seal #: 5708 Intact?: Y / N

Lab Name: Springfield EPA Comments: _____

D077442

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977442

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK05

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. _____ Date Analyzed: 11/22/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

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 RT | RT |
| 67-64-1 | Acetone | 15 | ~~EJ~~ U | RT |
| 75-15-0 | Carbon Disulfide | 5 | U | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U | |
| 75-35-3 | 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 RT | RT |
| 78-93-3 | 2-Butanone | 10 | ~~U~~ R | RT |
| 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 | 10 | 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 | |
| ---------- | Total Xylenes | 5 | U | |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977442

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK05

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

G101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977442

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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 |
|---|---|---|---|
| 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 |
| 39638-32-9 | 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 | Dimethyl Phthalate | 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.

G101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977442

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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 |
|---|---|---|---|
| 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 |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 1 | J |
| 218-01-9 | Chrysene | 10 | U |
| 117-84-0 | Di-n-Octyl Phthalate | 10 | U |
| 205-99-2 | Benzo(b)Fluoranthene | 10 | U |
| 207-08-9 | Benzo(k)Fluoranthene | 10 | U |
| 50-32-8 | Benzo(a)Pyrene | 10 | U |
| 193-39-5 | Indeno(1,2,3-cd)Pyrene | 10 | U |
| 53-70-3 | Dibenz(a,h)Anthracene | 10 | U |
| 191-24-2 | Benzo(g,h,i)Perylene | 10 | U |

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977442

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK04T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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

Number TICs found: 13

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 5.57 | 15 | AJ |
| 2. | UNKNOWN | 5.67 | 15 | AJ |
| 3. | UNKNOWN | 5.85 | 6.7 | AJ |
| 4. | UNKNOWN | 5.98 | 12 | AJ |
| 5. | UNKNOWN | 7.02 | 1.6 | BAJ |
| 6. | UNKNOWN | 7.13 | 3.6 | AJ |
| 7. | UNKNOWN | 7.43 | 1.1 | AJ |
| 8. | UNKNOWN | 7.75 | 2.0 | J |
| 9. | UNKNOWN | 9.95 | 1.1 | AJ |
| 10. | UNKNOWN | 13.52 | 1.7 | J |
| 11. | UNKNOWN | 16.49 | 1.2 | BJ |
| 12. | UNKNOWN | 16.64 | 0.87 | BJ |
| 13. | UNKNOWN | 19.14 | 3.3 | J |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

G101

Lab Name: I.E.P.A. - Springfield Contract: Northern/Celotex

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

Matrix: (soil/water): Water Lab Sample ID: D977442

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

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. --- dec. --- Date Extracted: 11-21-1989

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 12-29-1989

GPC Cleanup: (Y/N) N pH: 7 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.05 | U |
| 319-85-7 | beta-BHC | 0.05 | U |
| 319-86-8 | delta-BHC | 0.05 | U |
| 58-89-9 | gamma-BHC (Lindane) | 0.05 | U |
| 76-44-8 | Heptachlor | 0.05 | U |
| 309-00-2 | Aldrin | 0.05 | U |
| 1024-57-3 | Heptachlor epoxide | 0.05 | U |
| 959-98-8 | Endosulfan I | 0.05 | 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 |
| 5106-74-2 | gamma-Chlordane | 0.50 | U |
| 8001-35-2 | Toxaphene | 1.00 | U |
| 12674-11-2 | Arochlor-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 | 1.00 | U |
| 11096-82-5 | Aroclor-1260 | 1.00 | U |
| | | | |

U.S. EPA - CLP

1

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G101

Lab Name: Illinois EPA Champaign Lab  Contract: CELOTEX

Lab Code: _____  Case No.: _____  SAS No.: _____  SDG No.: 18

Matrix (soil/water): _____  Lab Sample ID: B917028

Level (low/med): _____  Date Received: 11/21/89

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 78 | U | | P |
| 7440-36-0 | Antimony | 2.1 | U | S | F |
| 7440-38-2 | Arsenic | 3 | B | S | F |
| 7440-39-3 | Barium | 260 | | | P |
| 7440-41-7 | Beryllium | 0.6 | U | | P |
| 7440-43-9 | Cadmium | 1.2 | U | | P |
| 7440-70-2 | Calcium | 155000 | | | P |
| 7440-47-3 | Chromium | 8 U | ~~B~~ | | P |
| 7440-48-4 | Cobalt | 2.4 U | ~~B~~ | | P |
| 7440-50-8 | Copper | 1.7 | U | | P |
| 7439-89-6 | Iron | 13500 | | | P |
| 7439-92-1 | Lead | 1.0 | B | S | F |
| 7439-95-4 | Magnesium | 68000 | | | P |
| 7439-96-5 | Manganese | 187 | | | P |
| 7439-97-6 | Mercury | 0.05 | U | | AV |
| 7440-02-0 | Nickel | 4.3 | U | | P |
| 7440-09-7 | Potassium | 29000 | | | P J |
| 7782-49-2 | Selenium | 1.2 | U | S | F |
| 7440-22-4 | Silver | 2.3 | U | | P |
| 7440-23-5 | Sodium | 19000 | | | P |
| 7440-28-0 | Thallium | 0.9 | U | S | F |
| 7440-62-2 | Vanadium | 1.8 | U | | P |
| 7440-66-6 | Zinc | 12 | B | | P |
| | Cyanide | 10 | U | | AS |
| | Sulfide | 1000 | U | | T |
| | Sulfate | 219000 | | | AS |

Color Before: Colorless  Clarity Before: Clear  Texture: _____

Color After: Colorless  Clarity After: Clear  Artifacts: _____

Comments:

Sulfide SW846 Methodology
Sulfate IEPA Methodology

D077443

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 5575

Date Sealed: 11/20/89 By: AWW

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-05
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D. | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | G102 | 11-20-89 | 2:00 PM |

Sample Appearance: Semi-clear

Collector Comments: 30 DAY Turnaround

Sampler Signature: Gregory W. D[illegible] Division/Company: IEPA

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 8 | 40ml | | VOA | N | 11-20-89 | 2:00P |
| 2 | 9 | 80oz | | BNA | N | " | " |
| 2 | 9 | 80oz | | PEST/PCB | N | " | " |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Gregory W. Dunn Signature: Gregory W. D[illegible]

Date: 11-20-89 Time: 1:55P Seal #: 5575 Intact: Y

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

Sealed by (print): Gregory W. Dunn Signature: Gregory W. D[illegible]

Date: 11-20-89 Time: 2:50P Seal #: 5576

Courier - sample pickup: IEPA Personnel

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 11:50 AM Seal #: 5576 Intact: Y / N

Lab Name: Springfield EPA Comments:

D077443

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977443

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. _____ Date Analyzed: 11/22/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

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 | 68 | ~~U~~ J | RT |
| 75-15-0 | Carbon Disulfide | 5 | U | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U | |
| 75-35-3 | 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 | RT |
| 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 | 10 | 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 | |
| ---------- | Total Xylenes | 5 | U | |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977443

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK06T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 2

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | ACETIC ACID, METHYL ESTER | 3.03 | 4.2 | J |
| 2. | UNKNOWN | 3.85 | 2.6 | J |

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977443

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK05

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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 |
|---|---|---|---|
| 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 |
| 39638-32-9 | 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 | Dimethyl Phthalate | 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.

G102

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977443

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK05

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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 |
|---|---|---|---|
| 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 |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 0.2 | J |
| 218-01-9 | Chrysene | 10 | U |
| 117-84-0 | Di-n-Octyl Phthalate | 10 | UJ |
| 205-99-2 | Benzo(b)Fluoranthene | 10 | UJ |
| 207-08-9 | Benzo(k)Fluoranthene | 10 | UJ |
| 50-32-8 | Benzo(a)Pyrene | 10 | UJ |
| 193-39-5 | Indeno(1,2,3-cd)Pyrene | 10 | UJ |
| 53-70-3 | Dibenz(a,h)Anthracene | 10 | UJ |
| 191-24-2 | Benzo(g,h,i)Perylene | 10 | UJ |

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G102

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977443

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK05T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. _____ dec. _____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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

Number TICs found: 5

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 7.02 | 3.0 | BAJ |
| 2. | UNKNOWN | 7.43 | 1.3 | BAJ |
| 3. | UNKNOWN | 16.49 | 0.43 | BJ |
| 4. | UNKNOWN | 16.65 | 0.82 | BJ |
| 5. | UNKNOWN | 19.14 | 0.65 | J |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

G102

Lab Name: I.E.P.A. - Springfield Contract: Northern/Celotex

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

Matrix: (soil/water): Water Lab Sample ID: D977443

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

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. --- dec. --- Date Extracted: 11-21-1989

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 12-29-1989

GPC Cleanup: (Y/N) N pH: 7 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.05 | U |
| 319-85-7 | beta-BHC | 0.05 | U |
| 319-86-8 | delta-BHC | 0.05 | U |
| 58-89-9 | gamma-BHC (Lindane) | 0.05 | U |
| 76-44-8 | Heptachlor | 0.05 | U |
| 309-00-2 | Aldrin | 0.05 | U |
| 1024-57-3 | Heptachlor epoxide | 0.05 | U |
| 959-98-8 | Endosulfan I | 0.05 | 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 |
| 5106-74-2 | gamma-Chlordane | 0.50 | U |
| 8001-35-2 | Toxaphene | 1.00 | U |
| 12674-11-2 | Arochlor-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 | 1.00 | U |
| 11096-82-5 | Aroclor-1260 | 1.00 | U |

U.S. EPA - CLP

1

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G102

Lab Name: Illinois EPA Champaign Lab  Contract: CELOTEX

Lab Code: _____  Case No.: _____  SAS No.: _____  SDG No.: 18

Matrix (soil/water): _____  Lab Sample ID: B917029

Level (low/med): _____  Date Received: 11/21/89

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 78 | U | | P |
| 7440-36-0 | Antimony | 2.1 | U | S | F |
| 7440-38-2 | Arsenic | 1.2 | U | S | F |
| 7440-39-3 | Barium | 47 | B | | P |
| 7440-41-7 | Beryllium | 0.6 | U | | P |
| 7440-43-9 | Cadmium | 1.2 | U | | P |
| 7440-70-2 | Calcium | 115000 | | | P |
| 7440-47-3 | Chromium | 5.6 U | ~~B~~ | | P |
| 7440-48-4 | Cobalt | 1.8 U | ~~B~~ | | P |
| 7440-50-8 | Copper | 2.0 U | ~~B~~ | | P |
| 7439-89-6 | Iron | 336 | U | | P |
| 7439-92-1 | Lead | 0.8 | U | S | F |
| 7439-95-4 | Magnesium | 45700 | | | P |
| 7439-96-5 | Manganese | 4.6 | B | | P J |
| 7439-97-6 | Mercury | 0.05 | U | | AV |
| 7440-02-0 | Nickel | 4.3 | U | | P J |
| 7440-09-7 | Potassium | 380 | B | | P J |
| 7782-49-2 | Selenium | 1.2 | U | S | F |
| 7440-22-4 | Silver | 2.3 | U | | P |
| 7440-23-5 | Sodium | 128000 | | | P |
| 7440-28-0 | Thallium | 0.9 | U | SW | F |
| 7440-62-2 | Vanadium | 1.8 | U | | P |
| 7440-66-6 | Zinc | 11 | U | | P |
| | Cyanide | 10 | U | | AS |
| | Sulfide | 1000 | U | | T |
| | Sulfate | 68000 | | | AS |

Color Before: Colorless  Clarity Before: Clear  Texture: _____

Color After: Colorless  Clarity After: Clear  Artifacts: _____

Comments:

Sulfide SW846 Methodology
Sulfate IEPA Methodology

D077444

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 5709

Date Sealed: 11/20/89 By: AWW

Facility Name: CELOTEX
Region: NORTHERN
County: WILL

Site Inventory #: 1971100002
Site Billing Code: SA-06
Project Manager: JOHN MORGAN

| LABORATORY # | SAMPLE I.D. | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | G103 | 11-20-89 | 11:45 |

Sample Appearance: Semi-clear

Collector Comments: GroundWater

Sampler Signature: John Morgan Division/Company: IEPA/LPC

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 8 | 40ml | | VOA | N | 11:45 | 11-20-89 |
| 2 | 9 | 80oz | | BNA | N | 11:45 | 11-20-89 |
| 2 | 9 | 80oz | | PEST/PCB | N | 11:45 | 11-20-89 |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): John Morgan Signature: John Morgan

Date: 11-20-89 Time: 11:45 Seal #: 5709 Intact? Y

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 above seal.

Sealed by (print): John Morgan Signature: John Morgan

Date: 11-20-89 Time: 12:15 Seal #: 5710

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 11:50 AM Seal #: 5710 Intact? Y N

Lab Name: Springfield EPA Comments: D077444

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

G103

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977444

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK07

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

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 | 25 | ~~BRU~~ | RT |
| 75-15-0 | Carbon Disulfide | 5 | U | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U | |
| 75-35-3 | 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 | ~~BR~~ | RT |
| 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 | 10 | 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 | |
| ---------- | Total Xylenes | 5 | U | |

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET
## TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

G103

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977444

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK07

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

G103

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977444

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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 |
|---|---|---|---|
| 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 |
| 39638-32-9 | 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 | 4 | J |
| 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 | Dimethyl Phthalate | 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.

G103

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977444

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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 |
|---|---|---|---|
| 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 | 0.4 | J |
| 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 |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 0.8 | J |
| 218-01-9 | Chrysene | 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.

G103

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977444

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK06T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. _____ dec. _____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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

Number TICs found: 8

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 7.43 | 0.96 | BAJ |
| 2. | UNKNOWN | 15.49 | 1.2 | J |
| 3. | UNKNOWN | 15.87 | 0.63 | J |
| 4. | UNKNOWN | 16.49 | 0.97 | BJ |
| 5. | UNKNOWN | 16.65 | 0.85 | BJ |
| 6. | UNKNOWN | 20.55 | 1.6 | J |
| 7. | UNKNOWN | 21.25 | 1.5 | J |
| 8. | UNKNOWN | 25.77 | 2.4 | J |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

G103

Lab Name: I.E.P.A. - Springfield Contract: Northern/Celotex

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

Matrix: (soil/water): Water Lab Sample ID: D977444

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

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. --- dec. --- Date Extracted: 11-21-1989

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 12-29-1990

GPC Cleanup: (Y/N) N pH: 7 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.05 | U |
| 319-85-7 | beta-BHC | 0.05 | U |
| 319-86-8 | delta-BHC | 0.05 | U |
| 58-89-9 | gamma-BHC (Lindane) | 0.05 | U |
| 76-44-8 | Heptachlor | 0.05 | U |
| 309-00-2 | Aldrin | 0.05 | U |
| 1024-57-3 | Heptachlor epoxide | 0.01 | J |
| 959-98-8 | Endosulfan I | 0.05 | 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 |
| 5106-74-2 | gamma-Chlordane | 0.50 | U |
| 8001-35-2 | Toxaphene | 1.00 | U |
| 12674-11-2 | Arochlor-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 | 1.00 | U |
| 11096-82-5 | Aroclor-1260 | 1.00 | U |

U.S. EPA - CLP

1

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G103

Lab Name: Illinois EPA Champaign Lab Contract: CELOTEX

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 18

Matrix (soil/water): _____ Lab Sample ID: B917030

Level (low/med): _____ Date Received: 11/21/89

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 80 | B | | P |
| 7440-36-0 | Antimony | 2.1 | U | S | F |
| 7440-38-2 | Arsenic | 51 | | S | F |
| 7440-39-3 | Barium | 690 | | | P |
| 7440-41-7 | Beryllium | 0.6 | U | | P |
| 7440-43-9 | Cadmium | 2.0 | B | | P |
| 7440-70-2 | Calcium | 110000 | | | P |
| 7440-47-3 | Chromium | 8 U | B | | P |
| 7440-48-4 | Cobalt | 10 U | B | | P |
| 7440-50-8 | Copper | 1.7 | U | | P |
| 7439-89-6 | Iron | 14000 | | | P |
| 7439-92-1 | Lead | 0.8 | U | S | F |
| 7439-95-4 | Magnesium | 67000 | | | P |
| 7439-96-5 | Manganese | 220 | | | P |
| 7439-97-6 | Mercury | 0.05 | U | | AV |
| 7440-02-0 | Nickel | 27 | B | | P J |
| 7440-09-7 | Potassium | 4300 | B | | P J |
| 7782-49-2 | Selenium | 1.2 | U | S~~W~~ | F |
| 7440-22-4 | Silver | 2.3 | U | | P |
| 7440-23-5 | Sodium | 89000 | | | P |
| 7440-28-0 | Thallium | 0.9 | U | S | F |
| 7440-62-2 | Vanadium | 1.8 | U | | P |
| 7440-66-6 | Zinc | 11 | U | | P |
| | Cyanide | 10 | U | | AS |
| | Sulfide | 1000 | U | | T |
| | Sulfate | 36000 | | | AS |

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

Sulfide SW846 Methodology

Sulfate IEPA Methodology

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 5703

Date Sealed: 11/20/89 By: AWW

D077445

Facility Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | 5101 | 11-20-89 | 11:05 A |

Sample Appearance : Clear

Collector Comments: 30 day turnaround

Sampler Signature : Gregory W. Dunn Division/Company Illinois EPA

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 8 | 40ml | | VOA | N | 11-20-89 | 11:05A |
| 2 | 9 | 80oz | | BNA | N | 11-20-89 | 11:05A |
| 2 | 9 | 80oz | | PEST/PCB | N | 11-20-89 | 11:05A |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Gregory W. Dunn Signature: Gregory W. Dunn

Date: 11-20-89 Time: 10:50A Seal #: 5703 Intact: O

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

Sealed by (print): Gregory W. Dunn Signature: Gregory W. Dunn

Date: 11-20-89 Time: 11:45 A Seal #: 5704

Courier - sample pickup: IEPA Personnel

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 11:50 AM Seal #: 5704 Intact: (Y) / N

Lab Name: Springfield EPA Comments: D077445

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977445

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK08

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

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 | |
| 75-35-3 | 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 | RT |
| 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 | 10 | 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 | |
| ---------- | Total Xylenes | 5 | U | |

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET
## TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977445

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK08

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

S101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977445

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK07

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 108-95-2 | Phenol | 10 | U |
| 111-44-4 | bis(2-Chloroethyl)Ether | 10 | U |
| 95-57-8 | 2-Chlorophenol | 10 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 10 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 10 | U |
| 100-51-6 | Benzyl Alcohol | 10 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 10 | U |
| 95-48-7 | 2-Methylphenol | 10 | U |
| 39638-32-9 | 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 | Dimethyl Phthalate | 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.

S101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977445

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK07

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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 |
|---|---|---|---|
| 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 | 0.1 | J |
| 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 |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 10 | U |
| 218-01-9 | Chrysene | 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.

S101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977445

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK07T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. _____ dec. _____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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

Number TICs found: 5

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 7.03 | 7.2 | BAJ |
| 2. | UNKNOWN | 7.45 | 1.6 | BJ |
| 3. | UNKNOWN | 15.87 | 0.55 | J |
| 4. | UNKNOWN | 16.50 | 0.41 | BJ |
| 5. | UNKNOWN | 16.65 | 0.72 | BJ |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

S101

Lab Name: I.E.P.A. - Springfield Contract: Northern/Celotex

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

Matrix: (soil/water): Water Lab Sample ID: D977445

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

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. --- dec. --- Date Extracted: 11-21-1989

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 12-29-1990

GPC Cleanup: (Y/N) N pH: 7 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.05 | U |
| 319-85-7 | beta-BHC | 0.05 | U |
| 319-86-8 | delta-BHC | 0.05 | U |
| 58-89-9 | gamma-BHC (Lindane) | 0.05 | U |
| 76-44-8 | Heptachlor | 0.05 | U |
| 309-00-2 | Aldrin | 0.05 | U |
| 1024-57-3 | Heptachlor epoxide | 0.05 | U |
| 959-98-8 | Endosulfan I | 0.05 | 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 |
| 5106-74-2 | gamma-Chlordane | 0.50 | U |
| 8001-35-2 | Toxaphene | 1.00 | U |
| 12674-11-2 | Arochlor-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 | 1.00 | U |
| 11096-82-5 | Aroclor-1260 | 1.00 | U |

U.S. EPA - CLP

1

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S101

Lab Name: Illinois EPA Champaign Lab Contract: CELOTEX

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 18

Matrix (soil/water): _____ Lab Sample ID: B917031

Level (low/med): _____ Date Received: 11/21/89

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 175 | | | P |
| 7440-36-0 | Antimony | 2.1 | U | S | F |
| 7440-38-2 | Arsenic | 1.2 | U | S | F |
| 7440-39-3 | Barium | 43 | B | | P |
| 7440-41-7 | Beryllium | 0.6 | U | | P |
| 7440-43-9 | Cadmium | 1.2 | U | | P |
| 7440-70-2 | Calcium | 99000 | | | P |
| 7440-47-3 | Chromium | 6 | U ~~B~~ | | P |
| 7440-48-4 | Cobalt | 2.8 | U ~~B~~ | | P |
| 7440-50-8 | Copper | 2.4 | U ~~B~~ | | P |
| 7439-89-6 | Iron | 317 | U | | P |
| 7439-92-1 | Lead | 0.8 | U | S | F |
| 7439-95-4 | Magnesium | 41000 | | | P |
| 7439-96-5 | Manganese | 15 | B | | P |
| 7439-97-6 | Mercury | 0.05 | U | | AV |
| 7440-02-0 | Nickel | 4.3 | U | | P |
| 7440-09-7 | Potassium | 1300 | B | | P J |
| 7782-49-2 | Selenium | 1.2 | U | S W | F |
| 7440-22-4 | Silver | 2.3 | U | | P |
| 7440-23-5 | Sodium | 11000 | | | P |
| 7440-28-0 | Thallium | 0.9 | U | S | F |
| 7440-62-2 | Vanadium | 1.8 | U | | P |
| 7440-66-6 | Zinc | 11 | U | | P |
| | Cyanide | 10 | U | | AS |
| | Sulfide | 1000 | U | | T |
| | Sulfate | 85000 | | | AS |

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

Sulfide SW846 Methodology
Sulfate IEPA Methodology

D077446

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 5571

Date Sealed: 11/20/89 By: AWW

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | S102 | 11-20-89 | 12:05P |

Sample Appearance: Clean

Collector Comments: 30 DAY TURNAROUND

Sampler Signature: Gregory W. D— Division/Company: IEPA

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 8 | 40ml | | VOA | N | 11-20-89 | 12:05P |
| 2 | 9 | 8Ooz | | BNA | N | " | 12:05P |
| 2 | 9 | 8Ooz | | PEST/PCB | N | " | 12:05P |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): Gregory W. Dunn Signature: Gregory W. D—

Date 11-20-89 Time 11:50A Seal # 5571 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): Gregory W. Dunn Signature: Gregory W. D—

Date 11-20-89 Time 12:30P Seal # 5572

Courier - sample pickup: IEPA Personnel

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 11:50 AM Seal #: 5572 Intact: (Y) / N

Lab Name: Springfield Lab EPA Comments:

D077446

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S102

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977446

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK09

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

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 | 60 | ~~BJ~~ | RT |
| 75-15-0 | Carbon Disulfide | 5 | U | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U | |
| 75-35-3 | 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 | ~~UJ~~R | RT |
| 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 | 10 | 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 | |
| ---------- | Total Xylenes | 5 | U | |

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET
## TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

S102

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977446

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK09

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

S102

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977446

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK08

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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 |
|---|---|---|---|
| 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 |
| 39638-32-9 | 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 | Dimethyl Phthalate | 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.

S102

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977446

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK08

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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 |
|---|---|---|---|
| 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 |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 10 | U |
| 218-01-9 | Chrysene | 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.

S102

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977446

Sample wt/vol: 1000 (g/mL) ML Lab File ID: DEC05HK08T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. _____ dec. _____ Date Extracted: 11/21/89

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 12/05/89

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

Number TICs found: 6

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 6.98 | 7.4 | BAJ |
| 2. | UNKNOWN | 7.40 | 2.0 | BJ |
| 3. | UNKNOWN | 9.09 | 0.58 | BAJ |
| 4. | UNKNOWN | 15.84 | 0.47 | J |
| 5. | UNKNOWN | 16.45 | 0.52 | BJ |
| 6. | UNKNOWN | 16.62 | 0.82 | BJ |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

Lab Name: I.E.P.A. - Springfield Contract: Northern/Celotex S102

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

Matrix: (soil/water): Water Lab Sample ID: D977446

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

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. --- dec. --- Date Extracted: 11-21-1989

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 12-30-1990

GPC Cleanup: (Y/N) N pH: 7 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 0.05 | U |
| 319-85-7 | beta-BHC | 0.05 | U |
| 319-86-8 | delta-BHC | 0.05 | U |
| 58-89-9 | gamma-BHC (Lindane) | 0.05 | U |
| 76-44-8 | Heptachlor | 0.05 | U |
| 309-00-2 | Aldrin | 0.05 | U |
| 1024-57-3 | Heptachlor epoxide | 0.05 | U |
| 959-98-8 | Endosulfan I | 0.05 | 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 |
| 5106-74-2 | gamma-Chlordane | 0.50 | U |
| 8001-35-2 | Toxaphene | 1.00 | U |
| 12674-11-2 | Arochlor-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 | 1.00 | U |
| 11096-82-5 | Aroclor-1260 | 1.00 | U |

U.S. EPA - CLP

1

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

S102

Lab Name: Illinois EPA Champaign Lab Contract: CELOTEX

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 18

Matrix (soil/water): _____ Lab Sample ID: B917032

Level (low/med): _____ Date Received: 11/21/89

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 162 | | | P |
| 7440-36-0 | Antimony | 2.1 | U | S | F |
| 7440-38-2 | Arsenic | 1.2 | U | S | F |
| 7440-39-3 | Barium | 43 | B | | P |
| 7440-41-7 | Beryllium | 0.6 | U | | P |
| 7440-43-9 | Cadmium | 1.5 | B | | P |
| 7440-70-2 | Calcium | 98000 | | | P |
| 7440-47-3 | Chromium | 5.8 U | ~~B~~ | | P |
| 7440-48-4 | Cobalt | 3.2 U | ~~B~~ | | P |
| 7440-50-8 | Copper | 2.4 U | ~~B~~ | | P |
| 7439-89-6 | Iron | 313 | U | | P |
| 7439-92-1 | Lead | 0.8 | U | S | F |
| 7439-95-4 | Magnesium | 41000 | | | P |
| 7439-96-5 | Manganese | 15 | B | | P |
| 7439-97-6 | Mercury | 0.05 | U | | AV |
| 7440-02-0 | Nickel | 4.3 | U | | P |
| 7440-09-7 | Potassium | 1300 | B | | P U |
| 7782-49-2 | Selenium | 1.2 | U | S | F |
| 7440-22-4 | Silver | 2.3 | | | P |
| 7440-23-5 | Sodium | 11000 | | | P |
| 7440-28-0 | Thallium | 0.9 | U | S | F |
| 7440-62-2 | Vanadium | 1.8 | U | | P |
| 7440-66-6 | Zinc | 11 | U | | P |
| | Cyanide | 10 | U | | AS |
| | Sulfide | 1000 | U | | T |
| | Sulfate | 88000 | | | AS |

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

Sulfide SW846 Methodology
Sulfate IEPA Methodology

IEPA - CLP
CHAIN OF CUSTODY

D077447

Seal #: 5575

Date Sealed: 11/20/89 By: AWW

Facility Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 197 1100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | TB | 11-20-89 | 2:00P |

Sample Appearance : Clear

Collector Comments: 30 DAY TURNAROUND

Sampler Signature : Gregory W. D Division/Company IEPA

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 8 | 40ml | | TRIP BLANK | N | 11-20-89 | 2:00P |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print) Gregory W. Dunn Signature: Gregory W. D

Date 11-20-89 Time: 1:55P Seal #: 5575 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): Gregory W. Dunn Signature: Gregory W. D

Date 11-20-89 Time: 2:50P Seal #: 5576

Courier - sample pickup: IEPA Personnel

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanna Virgin Signature: Deanna Virgin

Date: NOV 21 1989 Time: 11:50AM Seal #: 5576 Intact?: Y / N

Lab Name: Springfield EPA Comments:

D077447

IEPA - CLP
CHAIN OF CUSTODY

D077448

Seal #: 5579

Date Sealed: 11/20/89 By: AWW

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D. | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | X101 | 11-20-89 | 3:00 |

Sample Appearance

Collector Comments: SOIL, 30 DAY TURNAROUND

Sampler Signature: John Morgan Division/Company: IEPA/LPC

| CONTAINER | | | | ANALYSIS | FILTERING | | |
|---|---|---|---|---|---|---|---|
| No. | Code | Size | Pres | | (Y/N) | Date | Time |
| 2 | 12 | 2oz | | VOA | N | 11-20-89 | 3:00 |
| 1 | 5 | 32oz | | BNA, PEST/PCB | N | 11-20-89 | 3:00 |
| | | | | | N | 11-20-89 | 3:00 |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 3:15 Seal #: 5579 Intact? (Y) / N

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

Sealed by (print): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 5:15 Seal #: 5580

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 1150 AM Seal #: 5580 Intact?: (Y) / N

Lab Name: Springfield EPA Comments:

D077448

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977448

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1129BK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 76 Date Analyzed: 11/29/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 74-87-3 | Chloromethane | 42 | U | |
| 74-83-9 | Bromomethane | 42 | U | |
| 75-01-4 | Vinyl Chloride | 42 | U | |
| 75-00-3 | Chloroethane | 42 | U | |
| 75-09-2 | Methylene Chloride | 21 | U | |
| 67-64-1 | Acetone | 42 | U | |
| 75-15-0 | Carbon Disulfide | 21 | U | |
| 75-35-4 | 1,1-Dichloroethene | 21 | U | |
| 75-35-3 | 1,1-Dichloroethane | 21 | U | |
| 540-59-0 | 1,2-Dichloroethene (total) | 21 | U | |
| 67-66-3 | Chloroform | 21 | U | |
| 107-06-2 | 1,2-Dichloroethane | 21 | U | |
| 78-93-3 | 2-Butanone | 42 | UR | RT |
| 71-55-6 | 1,1,1-Trichloroethane | 21 | U | |
| 56-23-5 | Carbon Tetrachloride | 21 | U | |
| 108-05-4 | Vinyl Acetate | 42 | U | |
| 75-27-4 | Bromodichloromethane | 21 | U | |
| 78-87-5 | 1,2-Dichloropropane | 21 | U | |
| 10061-01-5 | cis-1,3-Dichloropropene | 21 | U | |
| 79-01-6 | Trichloroethene | 21 | U | |
| 124-48-1 | Dibromochloromethane | 21 | U | |
| 79-00-5 | 1,1,2-Trichloroethane | 21 | U | |
| 71-43-2 | Benzene | 21 | U | |
| 10061-02-6 | Trans-1,3-Dichloropropene | 21 | U | |
| 75-25-2 | Bromoform | 21 | U | |
| 108-10-1 | 4-Methyl-2-Pentanone | 42 | U | |
| 591-78-6 | 2-Hexanone | 42 | U | |
| 127-18-4 | Tetrachloroethene | 21 | U | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 42 | U | |
| 108-88-3 | Toluene | 31 | | |
| 108-90-7 | Chlorobenzene | 21 | U | |
| 100-41-4 | Ethylbenzene | 21 | U | |
| 100-42-5 | Styrene | 21 | U | |
| ---------- | Total Xylenes | 21 | U | |

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET
## TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977448

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1129BK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 76 Date Analyzed: 11/29/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

X101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977448

Sample wt/vol: 30.0 (g/mL) G Lab File ID: DEC15HK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 76 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/15/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 108-95-2 | Phenol | 430 | J |
| 111-44-4 | bis(2-Chloroethyl)Ether | 2700 | U |
| 95-57-8 | 2-Chlorophenol | 2700 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 2700 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 2700 | U |
| 100-51-6 | Benzyl Alcohol | 2700 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 2700 | U |
| 95-48-7 | 2-Methylphenol | 2700 | U |
| 39638-32-9 | bis(2-Chloroisopropyl)Ether | 2700 | U |
| 106-44-5 | 4-Methylphenol | 1100 | J |
| 621-64-7 | N-Nitroso-Di-n-Propylamine | 2700 | U |
| 67-72-1 | Hexachloroethane | 2700 | U |
| 98-95-3 | Nitrobenzene | 2700 | U |
| 78-59-1 | Isophorone | 2700 | U |
| 88-75-5 | 2-Nitrophenol | 2700 | U |
| 105-67-9 | 2,4-Dimethylphenol | 2700 | U |
| 65-85-0 | Benzoic Acid | 840 | J |
| 111-91-1 | bis(2-Chloroethoxy)Methane | 2700 | U |
| 120-83-2 | 2,4-Dichlorophenol | 2700 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 2700 | U |
| 91-20-3 | Naphthalene | 2700 ~~55~~ | ~~B~~ U RT |
| 106-47-8 | 4-Chloroaniline | 2700 | U |
| 87-68-3 | Hexachlorobutadiene | 2700 | U |
| 59-50-7 | 4-Chloro-3-Methylphenol | 2700 | U |
| 91-57-6 | 2-Methylnaphthalene | 2700 | U |
| 77-47-4 | Hexachlorocyclopentadiene | 2700 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | 2700 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | 13000 | U |
| 91-58-7 | 2-Chloronaphthalene | 2700 | U |
| 88-74-4 | 2-Nitroaniline | 13000 | U |
| 131-11-3 | Dimethyl Phthalate | 2700 | U |
| 208-96-8 | Acenaphthylene | 2700 | U |
| 606-20-2 | 2,6-Dinitrotoluene | 2700 | U |

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977448

Sample wt/vol: 30.0 (g/mL) G Lab File ID: DEC15HK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 76 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/15/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 99-09-2 | 3-Nitroaniline | 13000 | U | |
| 83-32-9 | Acenaphthene | 140 | ~~B~~J | RT |
| 51-28-5 | 2,4-Dinitrophenol | 13000 | U | |
| 100-02-7 | 4-Nitrophenol | 13000 | U | |
| 132-64-9 | Dibenzofuran | 50 | J | |
| 121-14-2 | 2,4-Dinitrotoluene | 2700 | U | |
| 84-66-2 | Diethylphthalate | 2700 | U | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 2700 | U | |
| 86-73-7 | Fluorene | 78 | J | |
| 100-10-6 | 4-Nitroaniline | 13000 | U | |
| 534-52-1 | 4,6-Dinitro-2-Methylphenol | 13000 | U | |
| 86-30-6 | N-Nitrosodiphenylamine (1) | 2700 | U | |
| 101-55-3 | 4-Bromophenyl-phenylether | 2700 | U | |
| 118-74-1 | Hexachlorobenzene | 2700 | U | |
| 87-86-5 | Pentachlorophenol | 140 | J | |
| 85-01-8 | Phenanthrene | 2700 ~~790~~ | ~~BJ~~ U | RT |
| 120-12-7 | Anthracene | 2000 | ~~B~~J | RT |
| 84-74-2 | Di-n-Butylphthalate | 2700 | U | |
| 206-44-0 | Fluoranthene | 9400 | ~~B~~ | RT |
| 129-00-0 | Pyrene | 7400 | ~~B~~J | RT |
| 85-68-7 | Butylbenzylphthalate | 2700 | UJ | |
| 91-94-1 | 3,3'-Dichlorobenzidine | 5500 | UJ | |
| 56-55-3 | Benzo(a)Anthracene | 2600 | ~~B~~J | RT |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 3800 | ~~B~~UJ | RT |
| 218-01-9 | Chrysene | 2900 | ~~B~~J | RT |
| 117-84-0 | Di-n-Octyl Phthalate | 2700 | U | |
| 205-99-2 | Benzo(b)Fluoranthene | 930 | J | |
| 207-08-9 | Benzo(k)Fluoranthene | 2700 | U | |
| 50-32-8 | Benzo(a)Pyrene | 670 | J | |
| 193-39-5 | Indeno(1,2,3-cd)Pyrene | 2700 | U | |
| 53-70-3 | Dibenz(a,h)Anthracene | 2700 | U | |
| 191-24-2 | Benzo(g,h,i)Perylene | 2700 | 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: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977448

Sample wt/vol: 30.0 (g/mL) ML Lab File ID: DEC15HK04T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 76 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/15/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 0.0300

Number TICs found: 20

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 6.35 | 1700 | J |
| 2. | UNKNOWN | 7.08 | 62000 | BAJ |
| 3. | UNKNOWN | 8.74 | 980 | AJ |
| 4. | UNKNOWN | 10.62 | 780 | AJ |
| 5. | UNKNOWN | 20.17 | 550 | J |
| 6. | UNKNOWN ALIP. HYDROCARBON | 20.27 | 490 | J |
| 7. | UNKNOWN ALIP. HYDROCARBON | 20.95 | 760 | J |
| 8. | UNKNOWN | 21.30 | 480 | J |
| 9. | UNKNOWN | 21.35 | 440 | J |
| 10. | UNKNOWN | 23.75 | 430 | J |
| 11. | UNKNOWN | 27.49 | 1000 | J |
| 12. | UNKNOWN ALIP. HYDROCARBON | 28.96 | 470 | J |
| 13. | UNKNOWN ALIP. HYDROCARBON | 30.06 | 410 | J |
| 14. | UNKNOWN ALIP. HYDROCARBON | 31.37 | 700 | J |
| 15. | UNKNOWN ALIP. HYDROCARBON | 32.99 | 510 | J |
| 16. | UNKNOWN ALIP. HYDROCARBON | 34.97 | 870 | J |
| 17. | UNKNOWN ALIP. HYDROCARBON | 37.42 | 450 | J |
| 18. | UNKNOWN ALIP. HYDROCARBON | 38.12 | 600 | J |
| 19. | UNKNOWN | 40.51 | 400 | J |
| 20. | UNKNOWN | 43.11 | 690 | J |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X101

Lab Name: I.E.P.A. - Springfield Contract: Northen/Celotex

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

Matrix: (soil/water): Soil Lab Sample ID: D977448

Sample wt/vol: 7.151 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. 76.22 dec. Date Extracted: 11-29-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 12-30-1990

GPC Cleanup: (Y/N) ~~N~~ Y pH: 6 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 67 | U |
| 319-85-7 | beta-BHC | 67 | U |
| 319-86-8 | delta-BHC | 67 | U |
| 58-89-9 | gamma-BHC (Lindane) | 67 | U |
| 76-44-8 | Heptachlor | 67 | U |
| 309-00-2 | Aldrin | 67 | U |
| 1024-57-3 | Heptachlor epoxide | 67 | U |
| 959-98-8 | Endosulfan I | 67 | U |
| 60-57-1 | Dieldrin | 135 | U |
| 72-55-9 | 4,4'-DDE | 135 | U |
| 72-20-8 | Endrin | 135 | U |
| 33213-65-9 | Endosulfan II | 135 | U |
| 72-54-8 | 4,4'-DDD | 135 | U |
| 1031-07-8 | Endosulfan sulfate | 135 | U |
| 50-29-3 | 4,4'-DDT | 135 | U |
| 72-43-5 | Methoxychlor | 673 | U |
| 53494-70-5 | Endrin ketone | 135 | U |
| 5103-71-9 | alpha-Chlordane | 673 | U |
| 5106-74-2 | gamma-Chlordane | 673 | U |
| 8001-35-2 | Toxaphene | 1346 | U |
| 12674-11-2 | Arochlor-1016 | 673 | U |
| 11104-28-2 | Aroclor-1221 | 673 | U |
| 11141-16-5 | Aroclor-1232 | 673 | U |
| 53469-21-9 | Aroclor-1242 | 673 | U |
| 12672-29-6 | Aroclor-1248 | 673 | U |
| 11097-69-1 | Aroclor-1254 | 1346 | U |
| 11096-82-5 | Aroclor-1260 | 550 | J |

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X101

Lab Name: Illinois EPA Champaign Lab Contract: CELOTEX

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 18

Matrix (soil/water): _____ Lab Sample ID: B917033

Level (low/med): _____ Date Received: 11/21/89

% Solids: 23

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8000 | | * | P |
| 7440-36-0 | Antimony | 4.6 | | N | F |
| 7440-38-2 | Arsenic | 1.7 | B | | F |
| 7440-39-3 | Barium | 200 | | | P |
| 7440-41-7 | Beryllium | 0.4 | U | | P |
| 7440-43-9 | Cadmium | 0.8 | U | | P |
| 7440-70-2 | Calcium | 20700 | | | P |
| 7440-47-3 | Chromium | 33 | U | | P |
| 7440-48-4 | Cobalt | 2.1 U | B | | P |
| 7440-50-8 | Copper | 120 | | | P |
| 7439-89-6 | Iron | 4900 | | * | P |
| 7439-92-1 | Lead | 150 | | S | F |
| 7439-95-4 | Magnesium | 2200 | B | | P |
| 7439-96-5 | Manganese | 500 | | | P |
| 7439-97-6 | Mercury | 0.16 | | | AS |
| 7440-02-0 | Nickel | 7.1 U | B | | P |
| 7440-09-7 | Potassium | 185 | U | | P |
| 7782-49-2 | Selenium | 0.8 | U | | F |
| 7440-22-4 | Silver | 1.6 | U | | P |
| 7440-23-5 | Sodium | 390 | B | | P |
| 7440-28-0 | Thallium | 0.6 | U | N | F |
| 7440-62-2 | Vanadium | 11 | B | | P |
| 7440-66-6 | Zinc | 570 | | | P |
| | Cyanide | 43 | | | AS |

Color Before: Gray Clarity Before: Opaque Texture: _____

Color After: Green Clarity After: Clear Artifacts: _____

Comments:

FORM I - IN 7/87

Rev. IFB Amendment One

IEPA - CLP
CHAIN OF CUSTODY

D077449

Seal #: 5579

Date Sealed: 11/20/89 By: AWW

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D. | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | X102-D | 11-20-89 | 2:15 |

Sample Appearance :

Collector Comments: 30 DAY TURN AROUND

Sampler Signature: John Morgan Division/Company: IEPA/LPC

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 12 | 2oz | | VOA | N | 11-20-89 | 2:15 |
| 1 | 5 | 32oz | | BNA, PEST/PCB | N | 11-20-89 | 2:15 |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 2:05 Seal #: 5579 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): John Morgan Signature: John Morgan

Date: 11-20-89 Time: 5:15 PM Seal #: 5580

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 1150 AM Seal #: 5580 Intact? Y / N

Lab Name: Springfield EPA Comments: D077449

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102D

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977449

Sample wt/vol: 4.0 (g/mL) G Lab File ID: B1201BK05

Level: (low/med) MED Date Received: 11/20/89

% Moisture: not dec. 48 Date Analyzed: 12/01/89

Column: (pack/cap) WIDE Dilution Factor: 0.990

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 74-87-3 | Chloromethane | 1900 | UJ | |
| 74-83-9 | Bromomethane | 1900 | UJ | |
| 75-01-4 | Vinyl Chloride | 1900 | UJ | |
| 75-00-3 | Chloroethane | 1900 | UJ | |
| 75-09-2 | Methylene Chloride | 950 | UJ | |
| 67-64-1 | Acetone | 1900 | UJ | |
| 75-15-0 | Carbon Disulfide | 950 | UJ | |
| 75-35-4 | 1,1-Dichloroethene | 950 | UJ | |
| 75-35-3 | 1,1-Dichloroethane | 950 | UJ | |
| 540-59-0 | 1,2-Dichloroethene (total) | 950 | UJ | |
| 67-66-3 | Chloroform | 950 | UJ | |
| 107-06-2 | 1,2-Dichloroethane | 950 | UJ | |
| 78-93-3 | 2-Butanone | 1900 | ~~UJ~~R | RT |
| 71-55-6 | 1,1,1-Trichloroethane | 950 | UJ | |
| 56-23-5 | Carbon Tetrachloride | 950 | UJ | |
| 108-05-4 | Vinyl Acetate | 1900 | UJ | |
| 75-27-4 | Bromodichloromethane | 950 | UJ | |
| 78-87-5 | 1,2-Dichloropropane | 950 | UJ | |
| 10061-01-5 | cis-1,3-Dichloropropene | 950 | UJ | |
| 79-01-6 | Trichloroethene | 950 | UJ | |
| 124-48-1 | Dibromochloromethane | 950 | UJ | |
| 79-00-5 | 1,1,2-Trichloroethane | 950 | UJ | |
| 71-43-2 | Benzene | 950 | UJ | |
| 10061-02-6 | Trans-1,3-Dichloropropene | 950 | UJ | |
| 75-25-2 | Bromoform | 950 | UJ | |
| 108-10-1 | 4-Methyl-2-Pentanone | 1900 | UJ | |
| 591-78-6 | 2-Hexanone | 1900 | UJ | |
| 127-18-4 | Tetrachloroethene | 950 | UJ | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1900 | UJ | |
| 108-88-3 | Toluene | 400 | J | |
| 108-90-7 | Chlorobenzene | 950 | UJ | |
| 100-41-4 | Ethylbenzene | 950 | UJ | |
| 100-42-5 | Styrene | 950 | UJ | |
| ---------- | Total Xylenes | 840 | J | |

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET
## TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102D

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977449

Sample wt/vol: 4.0 (g/mL) G Lab File ID: B1201BK05

Level: (low/med) MED Date Received: 11/20/89

% Moisture: not dec. 48 Date Analyzed: 12/01/89

Column (pack/cap) WIDE Dilution Factor: 0.990

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.

X102D

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977449

Sample wt/vol: 30.1 (g/mL) G Lab File ID: DEC14GK01

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 48 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 108-95-2 | Phenol | 1300 | U | |
| 111-44-4 | bis(2-Chloroethyl)Ether | 1300 | U | |
| 95-57-8 | 2-Chlorophenol | 1300 | U | |
| 541-73-1 | 1,3-Dichlorobenzene | 1300 | U | |
| 106-46-7 | 1,4-Dichlorobenzene | 1300 | U | |
| 100-51-6 | Benzyl Alcohol | 1300 | U | |
| 95-50-1 | 1,2-Dichlorobenzene | 1300 | U | |
| 95-48-7 | 2-Methylphenol | 1300 | U | |
| 39638-32-9 | bis(2-Chloroisopropyl)Ether | 1300 | U | |
| 106-44-5 | 4-Methylphenol | 840 | J | |
| 621-64-7 | N-Nitroso-Di-n-Propylamine | 1300 | U | |
| 67-72-1 | Hexachloroethane | 1300 | U | |
| 98-95-3 | Nitrobenzene | 1300 | U | |
| 78-59-1 | Isophorone | 1300 | U | |
| 88-75-5 | 2-Nitrophenol | 1300 | U | |
| 105-67-9 | 2,4-Dimethylphenol | 1300 | U | |
| 65-85-0 | Benzoic Acid | 6100 | U | |
| 111-91-1 | bis(2-Chloroethoxy)Methane | 1300 | U | |
| 120-83-2 | 2,4-Dichlorophenol | 1300 | U | |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1300 | U | |
| 91-20-3 | Naphthalene | 340 | ~~BJ~~ | RT |
| 106-47-8 | 4-Chloroaniline | 1300 | U | |
| 87-68-3 | Hexachlorobutadiene | 1300 | U | |
| 59-50-7 | 4-Chloro-3-Methylphenol | 1300 | U | |
| 91-57-6 | 2-Methylnaphthalene | 1400 | ~~B~~ | RT |
| 77-47-4 | Hexachlorocyclopentadiene | 1300 | U | |
| 88-06-2 | 2,4,6-Trichlorophenol | 1300 | U | |
| 95-95-4 | 2,4,5-Trichlorophenol | 6100 | U | |
| 91-58-7 | 2-Chloronaphthalene | 1300 | U | |
| 88-74-4 | 2-Nitroaniline | 6100 | U | |
| 131-11-3 | Dimethyl Phthalate | 1300 | U | |
| 208-96-8 | Acenaphthylene | 1300 | U | |
| 606-20-2 | 2,6-Dinitrotoluene | 1300 | U | |

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102D

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977449

Sample wt/vol: 30.1 (g/mL) G Lab File ID: DEC14GK01

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 48 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 99-09-2 | 3-Nitroaniline | 6100 | U | |
| 83-32-9 | Acenaphthene | 1300 | U | |
| 51-28-5 | 2,4-Dinitrophenol | 6100 | U | |
| 100-02-7 | 4-Nitrophenol | 6100 | U | |
| 132-64-9 | Dibenzofuran | 1300 | U | |
| 121-14-2 | 2,4-Dinitrotoluene | 1300 | U | |
| 84-66-2 | Diethylphthalate | 1300 | U | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1300 | U | |
| 86-73-7 | Fluorene | 1300 | U | |
| 100-10-6 | 4-Nitroaniline | 6100 | U | |
| 534-52-1 | 4,6-Dinitro-2-Methylphenol | 6100 | U | |
| 86-30-6 | N-Nitrosodiphenylamine (1) | 1300 | U | |
| 101-55-3 | 4-Bromophenyl-phenylether | 1300 | U | |
| 118-74-1 | Hexachlorobenzene | 1300 | U | |
| 87-86-5 | Pentachlorophenol | 6100 | U | |
| 85-01-8 | Phenanthrene | 1300 ~~110~~ | ~~BJ~~ U | RT |
| 120-12-7 | Anthracene | 1300 | U | |
| 84-74-2 | Di-n-Butylphthalate | 480 | ~~B~~J | RT |
| 206-44-0 | Fluoranthene | 1300 | U | |
| 129-00-0 | Pyrene | 1300 | U | |
| 85-68-7 | Butylbenzylphthalate | 830 | J | |
| 91-94-1 | 3,3'-Dichlorobenzidine | 2500 | U | |
| 56-55-3 | Benzo(a)Anthracene | 1300 | U | |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 5500 | ~~B~~ | RT |
| 218-01-9 | Chrysene | 1300 | U | |
| 117-84-0 | Di-n-Octyl Phthalate | 1300 | U | |
| 205-99-2 | Benzo(b)Fluoranthene | 1300 | U | |
| 207-08-9 | Benzo(k)Fluoranthene | 1300 | U | |
| 50-32-8 | Benzo(a)Pyrene | 1300 | U | |
| 193-39-5 | Indeno(1,2,3-cd)Pyrene | 1300 | U | |
| 53-70-3 | Dibenz(a,h)Anthracene | 1300 | U | |
| 191-24-2 | Benzo(g,h,i)Perylene | 1300 | U | |

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X102D

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977449

Sample wt/vol: 30.1 (g/mL) ML Lab File ID: DEC14GK01T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 48 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 0.0301

Number TICs found: 20

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN ALIP. HYDROCARBON | 12.37 | 59000 | J |
| 2. | UNKNOWN ALIP. HYDROCARBON | 13.44 | 16000 | J |
| 3. | UNKNOWN ALIP. HYDROCARBON | 14.04 | 110000 | J |
| 4. | UNKNOWN ALIP. HYDROCARBON | 14.25 | 36000 | J |
| 5. | UNKNOWN ALIP. HYDROCARBON | 14.74 | 22000 | J |
| 6. | UNKNOWN ALIP. HYDROCARBON | 14.89 | 21000 | J |
| 7. | UNKNOWN ALIP. HYDROCARBON | 14.95 | 16000 | J |
| 8. | UNKNOWN ALIP. HYDROCARBON | 15.02 | 19000 | J |
| 9. | UNKNOWN ALIP. HYDROCARBON | 15.17 | 60000 | J |
| 10. | UNKNOWN ALIP. HYDROCARBON | 15.57 | 150000 | J |
| 11. | UNKNOWN | 16.30 | 34000 | J |
| 12. | UNKNOWN ALIP. HYDROCARBON | 16.60 | 16000 | J |
| 13. | UNKNOWN ALIP. HYDROCARBON | 17.02 | 130000 | J |
| 14. | DIMETHYL NAPHTHALENE | 17.52 | 17000 | J |
| 15. | UNKNOWN ALIP. HYDROCARBON | 17.87 | 39000 | J |
| 16. | UNKNOWN ALIP. HYDROCARBON | 19.65 | 35000 | J |
| 17. | UNKNOWN ALIP. HYDROCARBON | 20.25 | 19000 | J |
| 18. | UNKNOWN ALIP. HYDROCARBON | 20.85 | 18000 | J |
| 19. | UNKNOWN | 22.59 | 50000 | J |
| 20. | UNKNOWN | 24.99 | 31000 | J |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X102D

Lab Name: I.E.P.A. - Springfield Contract: Northen/Celotex

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

Matrix: (soil/water): Soil Lab Sample ID: D977449

Sample wt/vol: 15.532 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. 48.33 dec. Date Extracted: 11-28-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 12-30-1990

GPC Cleanup: (Y/N) ~~N~~ Y pH: 6 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 31 | U |
| 319-85-7 | beta-BHC | 31 | U |
| 319-86-8 | delta-BHC | 31 | U |
| 58-89-9 | gamma-BHC (Lindane) | 31 | U |
| 76-44-8 | Heptachlor | 31 | U |
| 309-00-2 | Aldrin | 31 | U |
| 1024-57-3 | Heptachlor epoxide | 31 | U |
| 959-98-8 | Endosulfan I | 31 | U |
| 60-57-1 | Dieldrin | 4 | J |
| 72-55-9 | 4,4'-DDE | 62 | U |
| 72-20-8 | Endrin | 62 | U |
| 33213-65-9 | Endosulfan II | 62 | U |
| 72-54-8 | 4,4'-DDD | 62 | U |
| 1031-07-8 | Endosulfan sulfate | 62 | U |
| 50-29-3 | 4,4'-DDT | 62 | U |
| 72-43-5 | Methoxychlor | 310 | U |
| 53494-70-5 | Endrin ketone | 62 | U |
| 5103-71-9 | alpha-Chlordane | 310 | U |
| 5106-74-2 | gamma-Chlordane | 310 | U |
| 8001-35-2 | Toxaphene | 619 | U |
| 12674-11-2 | Arochlor-1016 | 310 | U |
| 11104-28-2 | Aroclor-1221 | 310 | U |
| 11141-16-5 | Aroclor-1232 | 310 | U |
| 53469-21-9 | Aroclor-1242 | 310 | U |
| 12672-29-6 | Aroclor-1248 | 310 | U |
| 11097-69-1 | Aroclor-1254 | 619 | U |
| 11096-82-5 | Aroclor-1260 | 619 | U |

U.S. EPA - CLP

1

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X102D

Lab Name: Illinois EPA Champaign Lab  Contract: CELOTEX

Lab Code: _____  Case No.: _____  SAS No.: _____  SDG No.: 18

Matrix (soil/water): _____  Lab Sample ID: B917034

Level (low/med): _____  Date Received: 11/21/89

% Solids: 50.1

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4200 | | * | P |
| 7440-36-0 | Antimony | 1.2 | B | N | F |
| 7440-38-2 | Arsenic | 0.9 | B | | F |
| 7440-39-3 | Barium | 74 | | | P |
| 7440-41-7 | Beryllium | 0.2 | U | | P |
| 7440-43-9 | Cadmium | 0.4 | U | | P |
| 7440-70-2 | Calcium | 4600 | | | P |
| 7440-47-3 | Chromium | 16 | U | | P |
| 7440-48-4 | Cobalt | 0.6 | U | | P |
| 7440-50-8 | Copper | 45 | | | P |
| 7439-89-6 | Iron | 3000 | | * | P |
| 7439-92-1 | Lead | 56 | | S | F |
| 7439-95-4 | Magnesium | 1160 | B | | P |
| 7439-96-5 | Manganese | 150 | | | P |
| 7439-97-6 | Mercury | 0.17 | | | AS |
| 7440-02-0 | Nickel | 2.9 U | B | | P |
| 7440-09-7 | Potassium | 91 | U | | P |
| 7782-49-2 | Selenium | 0.4 | U | | F |
| 7440-22-4 | Silver | 0.8 | U | | P |
| 7440-23-5 | Sodium | 1000 | B | | P |
| 7440-28-0 | Thallium | 0.3 | U | N | F |
| 7440-62-2 | Vanadium | 7.7 | B | | P |
| 7440-66-6 | Zinc | 140 | | | P |
| | Cyanide | 10.6 | | | AS |

Color Before: Gray  Clarity Before: Opaque  Texture: Fine

Color After: Green  Clarity After: Clear  Artifacts: _____

Comments:

FORM I - IN  7/87

Rev. IFB Amendment One

IEPA - CLP
CHAIN OF CUSTODY

D077450

Seal #: 5579

Date Sealed: 11/20/89 By: AWW

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D. | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | X103 | 11-20-89 | 3:45 |

Sample Appearance :

Collector Comments: SOIL 30 DAY TURNAROUND

Sampler Signature : John Morgan Division/Company IEPA/LPC

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 12 | 2oz | | VOA | N | 11-20-89 | 3:45 |
| 1 | 5 | 32oz | | BNA, PEST/PCB | N | 11-20-89 | 3:45 |
| | | | | | N | 11-20-89 | 3:45 |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 3:45 Seal #: 5579 Intact? Y / N

I certify that the sample label 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 hereon.

Sealed by (print): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 5:15 PM Seal #: 5580

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 11:50 AM Seal #: 5580 Intact? Y / N

Lab Name: Springfield EPA Comments: D077450

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977450

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1129BK05

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 13 Date Analyzed: 11/29/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

| 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 | 2 | J | |
| 67-64-1 | Acetone | 5 | J | |
| 75-15-0 | Carbon Disulfide | 6 | U | |
| 75-35-4 | 1,1-Dichloroethene | 6 | U | |
| 75-35-3 | 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~~ | RT |
| 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 | 11 | 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 | |
| ---------- | Total Xylenes | 6 | U | |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977450

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1129BK05

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 13 Date Analyzed: 11/29/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

X103

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977450

Sample wt/vol: 30.2 (g/mL) G Lab File ID: DEC14HK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 13 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 108-95-2 | Phenol | 750 | U |
| 111-44-4 | bis(2-Chloroethyl)Ether | 750 | U |
| 95-57-8 | 2-Chlorophenol | 750 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 750 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 750 | U |
| 100-51-6 | Benzyl Alcohol | 750 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 750 | U |
| 95-48-7 | 2-Methylphenol | 750 | U |
| 39638-32-9 | bis(2-Chloroisopropyl)Ether | 750 | U |
| 106-44-5 | 4-Methylphenol | 750 | U |
| 621-64-7 | N-Nitroso-Di-n-Propylamine | 750 | U |
| 67-72-1 | Hexachloroethane | 750 | U |
| 98-95-3 | Nitrobenzene | 750 | U |
| 78-59-1 | Isophorone | 750 | U |
| 88-75-5 | 2-Nitrophenol | 750 | U |
| 105-67-9 | 2,4-Dimethylphenol | 750 | U |
| 65-85-0 | Benzoic Acid | 3700 | U |
| 111-91-1 | bis(2-Chloroethoxy)Methane | 750 | U |
| 120-83-2 | 2,4-Dichlorophenol | 750 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 750 | U |
| 91-20-3 | Naphthalene | 750 | U |
| 106-47-8 | 4-Chloroaniline | 750 | U |
| 87-68-3 | Hexachlorobutadiene | 750 | U |
| 59-50-7 | 4-Chloro-3-Methylphenol | 750 | U |
| 91-57-6 | 2-Methylnaphthalene | 750 | U |
| 77-47-4 | Hexachlorocyclopentadiene | 750 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | 750 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | 3700 | U |
| 91-58-7 | 2-Chloronaphthalene | 750 | U |
| 88-74-4 | 2-Nitroaniline | 3700 | U |
| 131-11-3 | Dimethyl Phthalate | 750 | U |
| 208-96-8 | Acenaphthylene | 750 | U |
| 606-20-2 | 2,6-Dinitrotoluene | 750 | U |

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977450

Sample wt/vol: 30.2 (g/mL) G Lab File ID: DEC14HK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 13 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 99-09-2 | 3-Nitroaniline | 3700 | U | |
| 83-32-9 | Acenaphthene | 750 | U | |
| 51-28-5 | 2,4-Dinitrophenol | 3700 | U | |
| 100-02-7 | 4-Nitrophenol | 3700 | U | |
| 132-64-9 | Dibenzofuran | 750 | U | |
| 121-14-2 | 2,4-Dinitrotoluene | 750 | U | |
| 84-66-2 | Diethylphthalate | 28 | J | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 750 | U | |
| 86-73-7 | Fluorene | 750 | U | |
| 100-10-6 | 4-Nitroaniline | 3700 | U | |
| 534-52-1 | 4,6-Dinitro-2-Methylphenol | 3700 | U | |
| 86-30-6 | N-Nitrosodiphenylamine (1) | 750 | U | |
| 101-55-3 | 4-Bromophenyl-phenylether | 750 | U | |
| 118-74-1 | Hexachlorobenzene | 750 | U | |
| 87-86-5 | Pentachlorophenol | 3700 | U | |
| 85-01-8 | Phenanthrene | 750 | ~~BJ~~ U | RT |
| 120-12-7 | Anthracene | 750 ~~12~~ | ~~BJ~~ U | RT |
| 84-74-2 | Di-n-Butylphthalate | 750 ~~87~~ | ~~BJ~~ U | RT |
| 206-44-0 | Fluoranthene | 750 ~~100~~ | ~~BJ~~ U | RT |
| 129-00-0 | Pyrene | 750 ~~86~~ | ~~BJ~~ U | RT |
| 85-68-7 | Butylbenzylphthalate | 750 | U | |
| 91-94-1 | 3,3'-Dichlorobenzidine | 1500 | U | |
| 56-55-3 | Benzo(a)Anthracene | 750 | U | |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 750 | U | |
| 218-01-9 | Chrysene | 750 | U | |
| 117-84-0 | Di-n-Octyl Phthalate | 750 | UJ | |
| 205-99-2 | Benzo(b)Fluoranthene | 750 | UJ | |
| 207-08-9 | Benzo(k)Fluoranthene | 750 | UJ | |
| 50-32-8 | Benzo(a)Pyrene | 750 | UJ | |
| 193-39-5 | Indeno(1,2,3-cd)Pyrene | 750 | UJ | |
| 53-70-3 | Dibenz(a,h)Anthracene | 750 | UJ | |
| 191-24-2 | Benzo(g,h,i)Perylene | 750 | UJ | |

1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X103

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977450

Sample wt/vol: 30.2 (g/mL) ML Lab File ID: DEC14HK04T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 13 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 0.0302

Number TICs found: 20

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 6.95 | 3700 | BAJ |
| 2. | UNKNOWN | 7.37 | 130 | BAJ |
| 3. | UNKNOWN | 9.72 | 38 | J |
| 4. | UNKNOWN | 16.44 | 33 | BJ |
| 5. | UNKNOWN | 16.59 | 54 | BJ |
| 6. | METHYL BENZENESULFONAMIDE | 20.09 | 620 | J |
| 7. | METHYL BENZENESULFONAMIDE | 20.59 | 2400 | J |
| 8. | UNKNOWN | 21.34 | 35 | J |
| 9. | UNKNOWN | 25.17 | 49 | J |
| 10. | UNKNOWN | 25.39 | 200 | J |
| 11. | UNKNOWN | 26.17 | 180 | J |
| 12. | UNKNOWN | 27.96 | 84 | BJ |
| 13. | UNKNOWN | 28.17 | 170 | J |
| 14. | UNKNOWN | 28.91 | 62 | J |
| 15. | UNKNOWN | 29.71 | 36 | J |
| 16. | UNKNOWN | 29.99 | 74 | J |
| 17. | UNKNOWN | 30.26 | 1500 | J |
| 18. | UNKNOWN | 30.87 | 280 | J |
| 19. | UNKNOWN ALIP. HYDROCARBON | 31.31 | 86 | J |
| 20. | UNKNOWN | 33.62 | 140 | J |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X103

Lab Name: I.E.P.A. - Springfield Contract: Northen/Celotex

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

Matrix: (soil/water): Soil Lab Sample ID: D977450

Sample wt/vol: 25.905 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. 13.68 dec. Date Extracted: 11-29-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 12-30-1990

GPC Cleanup: (Y/N) ~~N~~ Y pH: 5 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 19 | U |
| 319-85-7 | beta-BHC | 19 | U |
| 319-86-8 | delta-BHC | 19 | U |
| 58-89-9 | gamma-BHC (Lindane) | 19 | U |
| 76-44-8 | Heptachlor | 19 | U |
| 309-00-2 | Aldrin | 19 | U |
| 1024-57-3 | Heptachlor epoxide | 19 | U |
| 959-98-8 | Endosulfan I | 19 | U |
| 60-57-1 | Dieldrin | 1 | J |
| 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 | 185 | U |
| 53494-70-5 | Endrin ketone | 37 | U |
| 5103-71-9 | alpha-Chlordane | 185 | U |
| 5106-74-2 | gamma-Chlordane | 185 | U |
| 8001-35-2 | Toxaphene | 371 | U |
| 12674-11-2 | Arochlor-1016 | 185 | U |
| 11104-28-2 | Aroclor-1221 | 185 | U |
| 11141-16-5 | Aroclor-1232 | 185 | U |
| 53469-21-9 | Aroclor-1242 | 185 | U |
| 12672-29-6 | Aroclor-1248 | 185 | U |
| 11097-69-1 | Aroclor-1254 | 371 | U |
| 11096-82-5 | Aroclor-1260 | 371 | U |

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X103

Lab Name: Illinois EPA Champaign Lab Contract: CELOTEX

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 18

Matrix (soil/water): _____ Lab Sample ID: B917035

Level (low/med): _____ Date Received: 11/21/89

% Solids: 84.4

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 6300 | | * | P |
| 7440-36-0 | Antimony | 0.3 | U | N | F |
| 7440-38-2 | Arsenic | 2.2 | | | F |
| 7440-39-3 | Barium | 66 | | | P |
| 7440-41-7 | Beryllium | 0.5 | B | | P |
| 7440-43-9 | Cadmium | 3.6 | | | P |
| 7440-70-2 | Calcium | 11200 | | | P |
| 7440-47-3 | Chromium | 16 | | | P |
| 7440-48-4 | Cobalt | 4.5 | B | | P |
| 7440-50-8 | Copper | 14 | | | P |
| 7439-89-6 | Iron | 12600 | | * | P |
| 7439-92-1 | Lead | 32 | | S | F |
| 7439-95-4 | Magnesium | 6900 | | | P |
| 7439-96-5 | Manganese | 370 | | | P |
| 7439-97-6 | Mercury | 0.01 | U | | AS |
| 7440-02-0 | Nickel | 11 | U | | P |
| 7440-09-7 | Potassium | 680 | B | | P |
| 7782-49-2 | Selenium | 0.2 | U | | F |
| 7440-22-4 | Silver | -0.4 | U | | P |
| 7440-23-5 | Sodium | 230 | B | | P |
| 7440-28-0 | Thallium | 0.2 | U | N | F |
| 7440-62-2 | Vanadium | 16 | | | P |
| 7440-66-6 | Zinc | 71 | | | P |
| | Cyanide | 0.83 | U | | AS |

Color Before: Brown Clarity Before: Opaque Texture: Fine

Color After: Green Clarity After: Clear Artifacts: _____

Comments:

FORM I - IN 7/87

Rev. IFB Amendment One

D077451

IEPA - CLP
CHAIN OF CUSTODY

Seal #: 5579

Date Sealed: 11/20/89 By: AWN

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | X104D | 11-20-89 | 3:30 |

Sample Appearance :

Collector Comments: SOIL 30 DAY TURNAROUND

Sampler Signature : John Morgan Division/Company IEPA/LPC

| CONTAINER | | | | ANALYSIS | FILTERING | | |
|---|---|---|---|---|---|---|---|
| No. | Code | Size | Pres | | (Y/N) | Date | Time |
| 2 | 12 | 2oz | | VOA | N | 11-20-89 | 3:30 |
| 1 | 5 | 32oz | | BNA, PEST/PCB | N | 11-20-89 | 3:30 |
| | | | | | N | 11-20-89 | 3:30 |

CHAIN OF CUSTODY CHRONICLE

I certify that I received the sample shipping container with the shipping container seals are intact.

Opened by (print): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 2:15 Seal #: 5579 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): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 5:15 Seal #: 5580

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 11:50 AM Seal #: 5580 Intact? (Y) N

Lab Name: Springfield EPA Comments:

D077451

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104D

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977451

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1129BK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 17 Date Analyzed: 11/29/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

| 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 | 2 | J | |
| 67-64-1 | Acetone | 12 | U | |
| 75-15-0 | Carbon Disulfide | 6 | U | |
| 75-35-4 | 1,1-Dichloroethene | 6 | U | |
| 75-35-3 | 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 | UR | RT |
| 71-55-6 | 1,1,1-Trichloroethane | 6 | U | |
| 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 | 6 | U | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 12 | 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 | |
| | Total Xylenes | 6 | U | |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104D

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977451

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1129BK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 17 Date Analyzed: 11/29/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

X104D

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977451

Sample wt/vol: 30.2 (g/mL) G Lab File ID: DEC06HK05

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 17 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/06/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 108-95-2 | Phenol | 790 | U |
| 111-44-4 | bis(2-Chloroethyl)Ether | 790 | U |
| 95-57-8 | 2-Chlorophenol | 790 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 790 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 790 | U |
| 100-51-6 | Benzyl Alcohol | 790 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 790 | U |
| 95-48-7 | 2-Methylphenol | 790 | U |
| 39638-32-9 | bis(2-Chloroisopropyl)Ether | 790 | U |
| 106-44-5 | 4-Methylphenol | 790 | U |
| 621-64-7 | N-Nitroso-Di-n-Propylamine | 790 | U |
| 67-72-1 | Hexachloroethane | 790 | U |
| 98-95-3 | Nitrobenzene | 790 | U |
| 78-59-1 | Isophorone | 790 | U |
| 88-75-5 | 2-Nitrophenol | 790 | U |
| 105-67-9 | 2,4-Dimethylphenol | 790 | U |
| 65-85-0 | Benzoic Acid | 3800 | U |
| 111-91-1 | bis(2-Chloroethoxy)Methane | 790 | U |
| 120-83-2 | 2,4-Dichlorophenol | 790 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 790 | U |
| 91-20-3 | Naphthalene | 790 | U |
| 106-47-8 | 4-Chloroaniline | 790 | U |
| 87-68-3 | Hexachlorobutadiene | 790 | U |
| 59-50-7 | 4-Chloro-3-Methylphenol | 790 | U |
| 91-57-6 | 2-Methylnaphthalene | 790 | U |
| 77-47-4 | Hexachlorocyclopentadiene | 790 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | 790 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | 3800 | U |
| 91-58-7 | 2-Chloronaphthalene | 790 | U |
| 88-74-4 | 2-Nitroaniline | 3800 | U |
| 131-11-3 | Dimethyl Phthalate | 790 | U |
| 208-96-8 | Acenaphthylene | 790 | U |
| 606-20-2 | 2,6-Dinitrotoluene | 790 | U |

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104D

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977451

Sample wt/vol: 30.2 (g/mL) G Lab File ID: DEC06HK05

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 17 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/06/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 99-09-2 | 3-Nitroaniline | 3800 | U | |
| 83-32-9 | Acenaphthene | 790 | U | |
| 51-28-5 | 2,4-Dinitrophenol | 3800 | U | |
| 100-02-7 | 4-Nitrophenol | 3800 | U | |
| 132-64-9 | Dibenzofuran | 790 | U | |
| 121-14-2 | 2,4-Dinitrotoluene | 790 | U | |
| 84-66-2 | Diethylphthalate | 790 | U | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 790 | U | |
| 86-73-7 | Fluorene | 790 | U | |
| 100-10-6 | 4-Nitroaniline | 3800 | U | |
| 534-52-1 | 4,6-Dinitro-2-Methylphenol | 3800 | U | |
| 86-30-6 | N-Nitrosodiphenylamine (1) | 790 | U | |
| 101-55-3 | 4-Bromophenyl-phenylether | 790 | U | |
| 118-74-1 | Hexachlorobenzene | 790 | U | |
| 87-86-5 | Pentachlorophenol | 3800 | U | |
| 85-01-8 | Phenanthrene | 790 ~~8~~ | ~~EJ~~U | RT |
| 120-12-7 | Anthracene | 790 | U | |
| 84-74-2 | Di-n-Butylphthalate | 790 ~~7~~ | ~~EJ~~U | RT |
| 206-44-0 | Fluoranthene | 790 ~~16~~ | ~~EJ~~U | RT |
| 129-00-0 | Pyrene | 790 ~~24~~ | ~~EJ~~U | RT |
| 85-68-7 | Butylbenzylphthalate | 790 | U | |
| 91-94-1 | 3,3'-Dichlorobenzidine | 1600 | U | |
| 56-55-3 | Benzo(a)Anthracene | 790 | U | |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 790 | U | |
| 218-01-9 | Chrysene | 790 | U | |
| 117-84-0 | Di-n-Octyl Phthalate | 790 | U | |
| 205-99-2 | Benzo(b)Fluoranthene | 790 | U | |
| 207-08-9 | Benzo(k)Fluoranthene | 790 | U | |
| 50-32-8 | Benzo(a)Pyrene | 790 | U | |
| 193-39-5 | Indeno(1,2,3-cd)Pyrene | 790 | U | |
| 53-70-3 | Dibenz(a,h)Anthracene | 790 | U | |
| 191-24-2 | Benzo(g,h,i)Perylene | 790 | U | |

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X104D

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977451

Sample wt/vol: 30.2 (g/mL) ML Lab File ID: DEC06HK05T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 17 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/06/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 0.0302

Number TICs found: 9

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 5.92 | 40 | AJ |
| 2. | UNKNOWN | 6.97 | 3000 | BAJ |
| 3. | UNKNOWN | 7.38 | 120 | BAJ |
| 4. | UNKNOWN | 8.65 | 57 | J |
| 5. | BENZALDEHYDE | 9.70 | 230 | J |
| 6. | UNKNOWN | 16.45 | 36 | BJ |
| 7. | UNKNOWN | 16.60 | 63 | BJ |
| 8. | UNKNOWN | 27.99 | 290 | BJ |
| 9. | UNKNOWN ALIP. HYDROCARBON | 28.92 | 33 | J |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X104D

Lab Name: I.E.P.A. - Springfield Contract: Northen/Celotex

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

Matrix: (soil/water): Soil Lab Sample ID: D977451

Sample wt/vol: 24.765 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. 17.75 dec. Date Extracted: 11-28-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 12-30-1990

GPC Cleanup: (Y/N) ~~N~~ Y BQ pH: 5 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 19 | U |
| 319-85-7 | beta-BHC | 19 | U |
| 319-86-8 | delta-BHC | 19 | U |
| 58-89-9 | gamma-BHC (Lindane) | 19 | U |
| 76-44-8 | Heptachlor | 19 | U |
| 309-00-2 | Aldrin | 19 | U |
| 1024-57-3 | Heptachlor epoxide | 19 | U |
| 959-98-8 | Endosulfan I | 19 | U |
| 60-57-1 | Dieldrin | 39 | U |
| 72-55-9 | 4,4'-DDE | 39 | U |
| 72-20-8 | Endrin | 39 | U |
| 33213-65-9 | Endosulfan II | 39 | U |
| 72-54-8 | 4,4'-DDD | 39 | U |
| 1031-07-8 | Endosulfan sulfate | 39 | U |
| 50-29-3 | 4,4'-DDT | 39 | U |
| 72-43-5 | Methoxychlor | 195 | U |
| 53494-70-5 | Endrin ketone | 39 | U |
| 5103-71-9 | alpha-Chlordane | 195 | U |
| 5106-74-2 | gamma-Chlordane | 195 | U |
| 8001-35-2 | Toxaphene | 389 | U |
| 12674-11-2 | Arochlor-1016 | 195 | U |
| 11104-28-2 | Aroclor-1221 | 195 | U |
| 11141-16-5 | Aroclor-1232 | 195 | U |
| 53469-21-9 | Aroclor-1242 | 195 | U |
| 12672-29-6 | Aroclor-1248 | 195 | U |
| 11097-69-1 | Aroclor-1254 | 389 | U |
| 11096-82-5 | Aroclor-1260 | 389 | U |

U.S. EPA - CLP

1

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X104D

Lab Name: Illinois EPA Champaign Lab  Contract: CELOTEX

Lab Code: _____  Case No.: _____  SAS No.: _____  SDG No.: 18

Matrix (soil/water): _____  Lab Sample ID: B917036

Level (low/med): _____  Date Received: 11/21/89

% Solids: 65.8

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M | |
|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 16600 | | * | P | J |
| 7440-36-0 | Antimony | 0.6 | B | N | F | J |
| 7440-38-2 | Arsenic | 8.6 | | | F | |
| 7440-39-3 | Barium | 170 | | | P | |
| 7440-41-7 | Beryllium | 1.4 | | | P | |
| 7440-43-9 | Cadmium | 9.3 | | | P | |
| 7440-70-2 | Calcium | 34900 | | | P | |
| 7440-47-3 | Chromium | 28 | | | P | |
| 7440-48-4 | Cobalt | 14 | | | P | |
| 7440-50-8 | Copper | 51 | | | P | |
| 7439-89-6 | Iron | 32600 | | * | P | |
| 7439-92-1 | Lead | 65 | | S | F | |
| 7439-95-4 | Magnesium | 12800 | | | P | |
| 7439-96-5 | Manganese | 1100 | | | P | |
| 7439-97-6 | Mercury | 0.15 | | | AS | |
| 7440-02-0 | Nickel | 29 | | | P | |
| 7440-09-7 | Potassium | 1500 | | | P | J |
| 7782-49-2 | Selenium | 0.3 | U | | F | |
| 7440-22-4 | Silver | 0.5 | U | | P | |
| 7440-23-5 | Sodium | 160 | B | | P | |
| 7440-28-0 | Thallium | 0.3 | B | N | F | |
| 7440-62-2 | Vanadium | 36 | | | P | |
| 7440-66-6 | Zinc | 250 | | | P | |
| | Cyanide | 1.2 | U | | AS | |
| | | | | | | |

Color Before: Brown  Clarity Before: Opaque  Texture: Fine

Color After: Green  Clarity After: Clear  Artifacts: _____

Comments:

FORM I - IN  7/87

Rev. IFB Amendment One

IEPA - CLP
CHAIN OF CUSTODY

D077452

Seal #: 5579

Date Sealed: 11/20/89 By: AWW

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | X105 | 11-20-89 | 4:15 |

Sample Appearance :

Collector Comments: SOIL, 30 DAY TURN AROUND

Sampler Signature : John Morgan Division/Company: IEPA/LPC

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 12 | 2oz | | VOA | N | 11-20-89 | 4:15 |
| 1 | 5 | 32oz | | BNA, PEST/PCB | N | 11-20-89 | 4:15 |
| | | | | | N | 11-20-89 | 4:15 |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): JOHN MORGAN Signature: John Morgan

Date 11-20-89 Time: 2:15 Seal #: 5579 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): JOHN MORGAN Signature: John Morgan

Date 11-20-89 Time: 5:15 PM Seal #: 5580

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 11:50 AM Seal #: 5580 Intact? Y / N

Lab Name: Springfield EPA Comments:

D077452

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977452

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1129BK07

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 26 Date Analyzed: 11/29/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 14 | U |
| 74-83-9 | Bromomethane | 14 | U |
| 75-01-4 | Vinyl Chloride | 14 | U |
| 75-00-3 | Chloroethane | 14 | U |
| 75-09-2 | Methylene Chloride | 4 | J |
| 67-64-1 | Acetone | 44 | J |
| 75-15-0 | Carbon Disulfide | 7 | U |
| 75-35-4 | 1,1-Dichloroethene | 7 | U |
| 75-35-3 | 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 | 14 | J |
| 71-55-6 | 1,1,1-Trichloroethane | 7 | U |
| 56-23-5 | Carbon Tetrachloride | 7 | U |
| 108-05-4 | Vinyl Acetate | 14 | 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 | 14 | U |
| 591-78-6 | 2-Hexanone | 14 | U |
| 127-18-4 | Tetrachloroethene | 7 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 14 | 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 |
| ---------- | Total Xylenes | 7 | U |

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET
## TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977452

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1129BK07

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 26 Date Analyzed: 11/29/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

X105

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977452

Sample wt/vol: 30.1 (g/mL) G Lab File ID: DEC06HK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 26 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/06/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 108-95-2 | Phenol | 890 | U |
| 111-44-4 | bis(2-Chloroethyl)Ether | 890 | U |
| 95-57-8 | 2-Chlorophenol | 890 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 890 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 890 | U |
| 100-51-6 | Benzyl Alcohol | 890 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 890 | U |
| 95-48-7 | 2-Methylphenol | 890 | U |
| 39638-32-9 | bis(2-Chloroisopropyl)Ether | 890 | U |
| 106-44-5 | 4-Methylphenol | 890 | U |
| 621-64-7 | N-Nitroso-Di-n-Propylamine | 890 | U |
| 67-72-1 | Hexachloroethane | 890 | U |
| 98-95-3 | Nitrobenzene | 890 | U |
| 78-59-1 | Isophorone | 890 | U |
| 88-75-5 | 2-Nitrophenol | 890 | U |
| 105-67-9 | 2,4-Dimethylphenol | 890 | U |
| 65-85-0 | Benzoic Acid | 4300 | U |
| 111-91-1 | bis(2-Chloroethoxy)Methane | 890 | U |
| 120-83-2 | 2,4-Dichlorophenol | 890 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 890 | U |
| 91-20-3 | Naphthalene | 890 | U |
| 106-47-8 | 4-Chloroaniline | 890 | U |
| 87-68-3 | Hexachlorobutadiene | 890 | U |
| 59-50-7 | 4-Chloro-3-Methylphenol | 890 | U |
| 91-57-6 | 2-Methylnaphthalene | 890 | U |
| 77-47-4 | Hexachlorocyclopentadiene | 890 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | 890 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | 4300 | U |
| 91-58-7 | 2-Chloronaphthalene | 890 | U |
| 88-74-4 | 2-Nitroaniline | 4300 | U |
| 131-11-3 | Dimethyl Phthalate | 890 | U |
| 208-96-8 | Acenaphthylene | 890 | U |
| 606-20-2 | 2,6-Dinitrotoluene | 890 | U |

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977452

Sample wt/vol: 30.1 (g/mL) G Lab File ID: DEC06HK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 26 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/06/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 99-09-2 | 3-Nitroaniline | 4300 | U |
| 83-32-9 | Acenaphthene | 890 | U |
| 51-28-5 | 2,4-Dinitrophenol | 4300 | U |
| 100-02-7 | 4-Nitrophenol | 4300 | U |
| 132-64-9 | Dibenzofuran | 890 | U |
| 121-14-2 | 2,4-Dinitrotoluene | 890 | U |
| 84-66-2 | Diethylphthalate | 890 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 890 | U |
| 86-73-7 | Fluorene | 890 | U |
| 100-10-6 | 4-Nitroaniline | 4300 | U |
| 534-52-1 | 4.6-Dinitro-2-Methylphenol | 4300 | U |
| 86-30-6 | N-Nitrosodiphenylamine (1) | 890 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | 890 | U |
| 118-74-1 | Hexachlorobenzene | 890 | U |
| 87-86-5 | Pentachlorophenol | 4300 | U |
| 85-01-8 | Phenanthrene | 890 | U |
| 120-12-7 | Anthracene | 890 | U |
| 84-74-2 | Di-n-Butylphthalate | 890 | U |
| 206-44-0 | Fluoranthene | 890 | U |
| 129-00-0 | Pyrene | 890 | U |
| 85-68-7 | Butylbenzylphthalate | 890 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | 1800 | U |
| 56-55-3 | Benzo(a)Anthracene | 890 | U |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 890 ~~55~~ | ~~BJ~~ U RT |
| 218-01-9 | Chrysene | 890 | U |
| 117-84-0 | Di-n-Octyl Phthalate | 890 | UJ |
| 205-99-2 | Benzo(b)Fluoranthene | 890 | UJ |
| 207-08-9 | Benzo(k)Fluoranthene | 890 | UJ |
| 50-32-8 | Benzo(a)Pyrene | 890 | UJ |
| 193-39-5 | Indeno(1,2,3-cd)Pyrene | 890 | UJ |
| 53-70-3 | Dibenz(a,h)Anthracene | 890 | UJ |
| 191-24-2 | Benzo(g,h,i)Perylene | 890 | UJ |

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X105

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977452

Sample wt/vol: 30.1 (g/mL) ML Lab File ID: DEC06HK06T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 26 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/06/89

GPC Cleanup: (Y/N) Y pH: 6.0 Dilution Factor: 0.0301

Number TICs found: 9

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 5.93 | 35 | AJ |
| 2. | UNKNOWN | 7.00 | 2700 | BAJ |
| 3. | UNKNOWN | 7.42 | 150 | BAJ |
| 4. | BENZALDEHYDE | 9.74 | 150 | J |
| 5. | UNKNOWN | 16.47 | 40 | BJ |
| 6. | UNKNOWN | 16.62 | 58 | BJ |
| 7. | UNKNOWN ALIP. HYDROCARBON | 19.67 | 36 | J |
| 8. | UNKNOWN | 25.02 | 40 | J |
| 9. | UNKNOWN | 28.01 | 76 | BJ |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X105

Lab Name: I.E.P.A. - Springfield Contract: Northen/Celotex

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

Matrix: (soil/water): Soil Lab Sample ID: D977452

Sample wt/vol: 22.053 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. 26.71 dec. Date Extracted: 11-28-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 12-30-1990

GPC Cleanup: (Y/N) ~~N~~ Y pH: 6 Dilution Factor: 1

| 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 (Lindane) | 22 | U |
| 76-44-8 | Heptachlor | 22 | U |
| 309-00-2 | Aldrin | 22 | U |
| 1024-57-3 | Heptachlor epoxide | 22 | U |
| 959-98-8 | Endosulfan I | 22 | 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 | 218 | U |
| 53494-70-5 | Endrin ketone | 44 | U |
| 5103-71-9 | alpha-Chlordane | 218 | U |
| 5106-74-2 | gamma-Chlordane | 218 | U |
| 8001-35-2 | Toxaphene | 437 | U |
| 12674-11-2 | Arochlor-1016 | 218 | U |
| 11104-28-2 | Aroclor-1221 | 218 | U |
| 11141-16-5 | Aroclor-1232 | 218 | U |
| 53469-21-9 | Aroclor-1242 | 218 | U |
| 12672-29-6 | Aroclor-1248 | 218 | U |
| 11097-69-1 | Aroclor-1254 | 437 | U |
| 11096-82-5 | Aroclor-1260 | 437 | U |

U.S. EPA - CLP

1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X105

Lab Name: Illinois EPA Champaign Lab Contract: CELOTEX

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: 18

Matrix (soil/water): _____ Lab Sample ID: B917037

Level (low/med): _____ Date Received: 11/21/89

% Solids: 66.4

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5200 | | * | P |
| 7440-36-0 | Antimony | 0.5 | U | N | F |
| 7440-38-2 | Arsenic | 3.5 | | | F |
| 7440-39-3 | Barium | 61 | | | P |
| 7440-41-7 | Beryllium | 0.5 | B | | P |
| 7440-43-9 | Cadmium | 3.0 | | | P |
| 7440-70-2 | Calcium | 36400 | | | P |
| 7440-47-3 | Chromium | 8.9 | U | | P |
| 7440-48-4 | Cobalt | 4.9 | B | | P |
| 7440-50-8 | Copper | 10 | B | | P |
| 7439-89-6 | Iron | 13500 | | * | P |
| 7439-92-1 | Lead | 13 | | S | F |
| 7439-95-4 | Magnesium | 13000 | | | P |
| 7439-96-5 | Manganese | 560 | | | P |
| 7439-97-6 | Mercury | 0.11 | | | AS |
| 7440-02-0 | Nickel | 10 | U | | P |
| 7440-09-7 | Potassium | 320 U | B | | P |
| 7782-49-2 | Selenium | 0.3 | U | | F |
| 7440-22-4 | Silver | 0.5 | U | | P |
| 7440-23-5 | Sodium | 150 | B | | P |
| 7440-28-0 | Thallium | 0.2 | U | N | F |
| 7440-62-2 | Vanadium | 9.5 | B | | P |
| 7440-66-6 | Zinc | 51 | | | P |
| | Cyanide | 0.7 | U | | AS |

Color Before: Brown Clarity Before: Opaque Texture: Fine

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

IEPA - CLP
CHAIN OF CUSTODY

D077453

Seal #: 5579

Date Sealed: 11/20/89 By: AWW

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | X106 | 11-20-89 | 4:15 |

Sample Appearance

Collector Comments: SOIL, TURN AROUND

Sampler Signature: John Morgan Division/Company: IEPA/LPC

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 12 | 2oz | | VOA | N | 11-20-89 | 4:15 |
| 1 | 5 | 32oz | | BNA, PEST/PCB | N | 11-20-89 | 4:15 |
| | | | | | N | 11-20-89 | 4:15 |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 2:15 Seal #: 5579 Intact? (Y) / N

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

Sealed by (print): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 5:15 Seal # 5580

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 11:50 AM Seal #: 5580 Intact? (Y) / N

Lab Name: Springfield EPA Comments:

D077453

:A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SFFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977453

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1130BK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/30/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U |
| 74-83-9 | Bromomethane | 10 | U |
| 75-01-4 | Vinyl Chloride | 10 | U |
| 75-00-3 | Chloroethane | 10 | U |
| 75-09-2 | Methylene Chloride | 1 | J |
| 67-64-1 | Acetone | 220 | E |
| 75-15-0 | Carbon Disulfide | 5 | U |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 75-35-3 | 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 | 56 | J |
| 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 | 10 | U |
| 108-88-3 | Toluene | 57 | |
| 108-90-7 | Chlorobenzene | 5 | U |
| 100-41-4 | Ethylbenzene | 4 | J |
| 100-42-5 | Styrene | 5 | U |
| | Total Xylenes | 61 | |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977453

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1130BK04T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/30/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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 | 9.70 | 140 | J |
| 2. | UNKNOWN | 12.65 | 81 | J |
| 3. | UNKNOWN | 13.72 | 100 | J |
| 4. | UNKNOWN ALIP. HYDROCARBON | 17.40 | 82 | J |
| 5. | UNKNOWN | 17.92 | 270 | J |
| 6. | UNKNOWN ALIP. HYDROCARBON | 19.15 | 110 | J |
| 7. | UNKNOWN | 19.59 | 140 | J |
| 8. | UNKNOWN ALIP. HYDROCARBON | 19.95 | 180 | J |
| 9. | UNKNOWN ALIP. HYDROCARBON | 21.77 | 100 | J |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106DL

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977453

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1130BK10

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/30/89

Column: (pack/cap) WIDE Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 20 | UJ |
| 74-83-9 | Bromomethane | 20 | UJ |
| 75-01-4 | Vinyl Chloride | 20 | UJ |
| 75-00-3 | Chloroethane | 20 | UJ |
| 75-09-2 | Methylene Chloride | 2 | DJ |
| 67-64-1 | Acetone | 230 | DJ |
| 75-15-0 | Carbon Disulfide | 10 | UJ |
| 75-35-4 | 1,1-Dichloroethene | 10 | UJ |
| 75-35-3 | 1,1-Dichloroethane | 10 | UJ |
| 540-59-0 | 1,2-Dichloroethene (total) | 10 | UJ |
| 67-66-3 | Chloroform | 10 | UJ |
| 107-06-2 | 1,2-Dichloroethane | 10 | UJ |
| 78-93-3 | 2-Butanone | 72 | DJ |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | UJ |
| 56-23-5 | Carbon Tetrachloride | 10 | UJ |
| 108-05-4 | Vinyl Acetate | 20 | UJ |
| 75-27-4 | Bromodichloromethane | 10 | UJ |
| 78-87-5 | 1,2-Dichloropropane | 10 | UJ |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | UJ |
| 79-01-6 | Trichloroethene | 10 | UJ |
| 124-48-1 | Dibromochloromethane | 10 | UJ |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | UJ |
| 71-43-2 | Benzene | 10 | UJ |
| 10061-02-6 | Trans-1,3-Dichloropropene | 10 | UJ |
| 75-25-2 | Bromoform | 10 | UJ |
| 108-10-1 | 4-Methyl-2-Pentanone | 20 | UJ |
| 591-78-6 | 2-Hexanone | 20 | UJ |
| 127-18-4 | Tetrachloroethene | 10 | UJ |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 20 | UJ |
| 108-88-3 | Toluene | 23 | DJ |
| 108-90-7 | Chlorobenzene | 10 | UJ |
| 100-41-4 | Ethylbenzene | 10 | UJ |
| 100-42-5 | Styrene | 10 | UJ |
| ---------- | Total Xylenes | 87 | DJ |

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET
## TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X106DL

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977453

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1130BK10

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/30/89

Column (pack/cap) WIDE Dilution Factor: 2.00

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.

X106

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977453

Sample wt/vol: 1.0 (g/mL) G Lab File ID: DEC18HK05

Level: (low/med) MED Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/18/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 9.71

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 108-95-2 | Phenol | 190000 | U |
| 111-44-4 | bis(2-Chloroethyl)Ether | 190000 | U |
| 95-57-8 | 2-Chlorophenol | 190000 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 190000 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 190000 | U |
| 100-51-6 | Benzyl Alcohol | 190000 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 190000 | U |
| 95-48-7 | 2-Methylphenol | 190000 | U |
| 39638-32-9 | bis(2-Chloroisopropyl)Ether | 190000 | U |
| 106-44-5 | 4-Methylphenol | 190000 | U |
| 621-64-7 | N-Nitroso-Di-n-Propylamine | 190000 | U |
| 67-72-1 | Hexachloroethane | 190000 | U |
| 98-95-3 | Nitrobenzene | 190000 | U |
| 78-59-1 | Isophorone | 190000 | U |
| 88-75-5 | 2-Nitrophenol | 190000 | U |
| 105-67-9 | 2,4-Dimethylphenol | 190000 | U |
| 65-85-0 | Benzoic Acid | 930000 | U |
| 111-91-1 | bis(2-Chloroethoxy)Methane | 190000 | U |
| 120-83-2 | 2,4-Dichlorophenol | 190000 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 190000 | U |
| 91-20-3 | Naphthalene | 190000 | U |
| 106-47-8 | 4-Chloroaniline | 190000 | U |
| 87-68-3 | Hexachlorobutadiene | 190000 | U |
| 59-50-7 | 4-Chloro-3-Methylphenol | 190000 | U |
| 91-57-6 | 2-Methylnaphthalene | 190000 | U |
| 77-47-4 | Hexachlorocyclopentadiene | 190000 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | 190000 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | 930000 | U |
| 91-58-7 | 2-Chloronaphthalene | 190000 | U |
| 88-74-4 | 2-Nitroaniline | 930000 | U |
| 131-11-3 | Dimethyl Phthalate | 190000 | U |
| 208-96-8 | Acenaphthylene | 190000 | U |
| 606-20-2 | 2,6-Dinitrotoluene | 190000 | U |

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977453

Sample wt/vol: 1.0 (g/mL) G Lab File ID: DEC18HK05

Level: (low/med) MED Date Received: 11/20/89

% Moisture: not dec. ____ dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/18/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 9.71

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 99-09-2 | 3-Nitroaniline | 930000 | U |
| 83-32-9 | Acenaphthene | 190000 | U |
| 51-28-5 | 2,4-Dinitrophenol | 930000 | U |
| 100-02-7 | 4-Nitrophenol | 930000 | U |
| 132-64-9 | Dibenzofuran | 190000 | U |
| 121-14-2 | 2,4-Dinitrotoluene | 190000 | U |
| 84-66-2 | Diethylphthalate | 190000 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 190000 | U |
| 86-73-7 | Fluorene | 190000 | U |
| 100-10-6 | 4-Nitroaniline | 930000 | U |
| 534-52-1 | 4,6-Dinitro-2-Methylphenol | 930000 | U |
| 86-30-6 | N-Nitrosodiphenylamine (1) | 190000 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | 190000 | U |
| 118-74-1 | Hexachlorobenzene | 190000 | U |
| 87-86-5 | Pentachlorophenol | 930000 | U |
| 85-01-8 | Phenanthrene | 190000 | U |
| 120-12-7 | Anthracene | 190000 | U |
| 84-74-2 | Di-n-Butylphthalate | 190000 | U |
| 206-44-0 | Fluoranthene | 190000 | U |
| 129-00-0 | Pyrene | 12000 | J |
| 85-68-7 | Butylbenzylphthalate | 190000 | UJ |
| 91-94-1 | 3,3'-Dichlorobenzidine | 380000 | UJ |
| 56-55-3 | Benzo(a)Anthracene | 190000 | UJ |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 190000 | UJ |
| 218-01-9 | Chrysene | 190000 | UJ |
| 117-84-0 | Di-n-Octyl Phthalate | 190000 | UJ |
| 205-99-2 | Benzo(b)Fluoranthene | 190000 | UJ |
| 207-08-9 | Benzo(k)Fluoranthene | 190000 | UJ |
| 50-32-8 | Benzo(a)Pyrene | 190000 | UJ |
| 193-39-5 | Indeno(1,2,3-cd)Pyrene | 190000 | UJ |
| 53-70-3 | Dibenz(a,h)Anthracene | 190000 | UJ |
| 191-24-2 | Benzo(g,h,i)Perylene | 190000 | UJ |

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X106

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977453

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: DEC18HK05T

Level: (low/med) MED Date Received: 11/20/89

% Moisture: not dec. _____ dec. _____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/18/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 0.00100

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 | 6.57 | 7400 | J |
| 2. | UNKNOWN | 7.00 | 8900 | BAJ |
| 3. | UNKNOWN ALIP. HYDROCARBON | 9.20 | 5200 | J |
| 4. | UNKNOWN ALIP. HYDROCARBON | 11.64 | 5100 | J |
| 5. | UNKNOWN | 33.67 | 19000 | J |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X106

Lab Name: I.E.P.A. - Springfield Contract: Northen/Celotex

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

Matrix: (soil/water): Soil Lab Sample ID: D977453

Sample wt/vol: 1.020 (g/mL) g Lab File ID:

Level: (low/med) ~~low~~ med Date Received: 11-21-1989

% Moisture: not dec. not done dec. Date Extracted: 11-29-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 01-02-1990

GPC Cleanup: (Y/N) N pH: - Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 8 | U |
| 319-85-7 | beta-BHC | 8 | U |
| 319-86-8 | delta-BHC | 8 | U |
| 58-89-9 | gamma-BHC (Lindane) | 8 | U |
| 76-44-8 | Heptachlor | 8 | U |
| 309-00-2 | Aldrin | 8 | U |
| 1024-57-3 | Heptachlor epoxide | 8 | U |
| 959-98-8 | Endosulfan I | 8 | U |
| 60-57-1 | Dieldrin | 16 | U |
| 72-55-9 | 4,4'-DDE | 16 | U |
| 72-20-8 | Endrin | 16 | U |
| 33213-65-9 | Endosulfan II | 16 | U |
| 72-54-8 | 4,4'-DDD | 16 | U |
| 1031-07-8 | Endosulfan sulfate | 16 | U |
| 50-29-3 | 4,4'-DDT | 16 | U |
| 72-43-5 | Methoxychlor | 80 | U |
| 53494-70-5 | Endrin ketone | 16 | U |
| 5103-71-9 | alpha-Chlordane | 80 | U |
| 5106-74-2 | gamma-Chlordane | 80 | U |
| 8001-35-2 | Toxaphene | 160 | U |
| 12674-11-2 | Arochlor-1016 | 80 | U |
| 11104-28-2 | Aroclor-1221 | 80 | U |
| 11141-16-5 | Aroclor-1232 | 80 | U |
| 53469-21-9 | Aroclor-1242 | 80 | U |
| 12672-29-6 | Aroclor-1248 | 80 | U |
| 11097-69-1 | Aroclor-1254 | 160 | U |
| 11096-82-5 | Aroclor-1260 | 160 | U |

U.S. EPA - CLP

1

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X106

Lab Name: Illinois EPA Champaign Lab  Contract: CELOTEX

Lab Code: _____  Case No.: _____  SAS No.: _____  SDG No.: 18

Matrix (soil/water): _____  Lab Sample ID: B917038

Level (low/med): _____  Date Received: 11/21/89

% Solids: 79

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M | |
|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 1470 | | * | P | J |
| 7440-36-0 | Antimony | 0.4 | U | N | F | J |
| 7440-38-2 | Arsenic | 1.8 | | | F | |
| 7440-39-3 | Barium | 22 | B | | P | |
| 7440-41-7 | Beryllium | 0.3 | B | | P | |
| 7440-43-9 | Cadmium | 0.8 | B | | P | |
| 7440-70-2 | Calcium | 3900 | | | P | |
| 7440-47-3 | Chromium | 3.6 | U | | P | |
| 7440-48-4 | Cobalt | 0.9 U | B | | P | |
| 7440-50-8 | Copper | 7.4 | | | P | |
| 7439-89-6 | Iron | 3100 | | * | P | |
| 7439-92-1 | Lead | 20 | | S | F | |
| 7439-95-4 | Magnesium | 1700 | | | P | |
| 7439-96-5 | Manganese | 44 | | | P | |
| 7439-97-6 | Mercury | 0.01 | U | | AS | |
| 7440-02-0 | Nickel | 12 | U | | P | |
| 7440-09-7 | Potassium | 120 U | B | | P | J |
| 7782-49-2 | Selenium | 0.2 | U | | F | |
| 7440-22-4 | Silver | 0.4 | U | | P | |
| 7440-23-5 | Sodium | 11 | U | | P | |
| 7440-28-0 | Thallium | 0.2 | U | N | F | |
| 7440-62-2 | Vanadium | 19 | | | P | |
| 7440-66-6 | Zinc | 58 | | | P | |
| | Cyanide | 1.0 | U | | AS | |

Color Before: Black  Clarity Before: Opaque  Texture: Fine

Color After: Yellow  Clarity After: Clear  Artifacts: _____

Comments:

IEPA - CLP
CHAIN OF CUSTODY

D077454

Seal #: 5579

Date Sealed: 11/20/89 By: AWW

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D. | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | X107 | 11-20-89 | 4:30 |

Sample Appearance :

Collector Comments: SOIL, 30-DAY TURN AROUND

Sampler Signature: John Morgan Division/Company: IEPA/LPC

| CONTAINER No. | Code | Size | Pres | ANALYSIS | FILTERING (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 12 | 2oz | | VOA | N | 11-20-89 | 4:30 |
| 1 | 5 | 32oz | | BNA, PEST/PCB | N | 11-20-89 | 4:30 |
| | | | | | N | 11-20-89 | 4:30 |

CHAIN OF CUSTODY CHRONICLE

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

Opened by (print): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 2:15 Seal # 5579 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): JOHN MORGAN Signature: John Morgan

Date: 11-20-89 Time: 5:15PM Seal #: 5580

Courier - sample pickup:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin

Date: NOV 21 1989 Time: 11:50 AM Seal #: 5580 Intact?: (Y) / N

Lab Name: Springfield EPA Comments:

D077454

:A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977454

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1130BK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 47 Date Analyzed: 11/30/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 74-87-3 | Chloromethane | 19 | U | |
| 74-83-9 | Bromomethane | 19 | U | |
| 75-01-4 | Vinyl Chloride | 19 | U | |
| 75-00-3 | Chloroethane | 19 | U | |
| 75-09-2 | Methylene Chloride | 9 | U | |
| 67-64-1 | Acetone | 15 | J | |
| 75-15-0 | Carbon Disulfide | 9 | U | |
| 75-35-4 | 1,1-Dichloroethene | 9 | U | |
| 75-35-3 | 1,1-Dichloroethane | 9 | U | |
| 540-59-0 | 1,2-Dichloroethene (total) | 9 | U | |
| 67-66-3 | Chloroform | 9 | U | |
| 107-06-2 | 1,2-Dichloroethane | 9 | U | |
| 78-93-3 | 2-Butanone | 19 | ~~UR~~ | RT |
| 71-55-6 | 1,1,1-Trichloroethane | 9 | U | |
| 56-23-5 | Carbon Tetrachloride | 9 | U | |
| 108-05-4 | Vinyl Acetate | 19 | U | |
| 75-27-4 | Bromodichloromethane | 9 | U | |
| 78-87-5 | 1,2-Dichloropropane | 9 | U | |
| 10061-01-5 | cis-1,3-Dichloropropene | 9 | U | |
| 79-01-6 | Trichloroethene | 9 | U | |
| 124-48-1 | Dibromochloromethane | 9 | U | |
| 79-00-5 | 1,1,2-Trichloroethane | 9 | U | |
| 71-43-2 | Benzene | 9 | U | |
| 10061-02-6 | Trans-1,3-Dichloropropene | 9 | U | |
| 75-25-2 | Bromoform | 9 | U | |
| 108-10-1 | 4-Methyl-2-Pentanone | 19 | U | |
| 591-78-6 | 2-Hexanone | 19 | U | |
| 127-18-4 | Tetrachloroethene | 9 | U | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 19 | U | |
| 108-88-3 | Toluene | 9 | U | |
| 108-90-7 | Chlorobenzene | 9 | U | |
| 100-41-4 | Ethylbenzene | 9 | U | |
| 100-42-5 | Styrene | 9 | U | |
| ---------- | Total Xylenes | 9 | U | |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977454

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1130BK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 47 Date Analyzed: 11/30/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

X107

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977454

Sample wt/vol: 30.1 (g/mL) G Lab File ID: DEC14HK05

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 47 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 108-95-2 | Phenol | 1200 | U |
| 111-44-4 | bis(2-Chloroethyl)Ether | 1200 | U |
| 95-57-8 | 2-Chlorophenol | 1200 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 1200 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 1200 | U |
| 100-51-6 | Benzyl Alcohol | 1200 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 1200 | U |
| 95-48-7 | 2-Methylphenol | 1200 | U |
| 39638-32-9 | bis(2-Chloroisopropyl)Ether | 1200 | U |
| 106-44-5 | 4-Methylphenol | 1200 | U |
| 621-64-7 | N-Nitroso-Di-n-Propylamine | 1200 | U |
| 67-72-1 | Hexachloroethane | 1200 | U |
| 98-95-3 | Nitrobenzene | 1200 | U |
| 78-59-1 | Isophorone | 1200 | U |
| 88-75-5 | 2-Nitrophenol | 1200 | U |
| 105-67-9 | 2,4-Dimethylphenol | 1200 | U |
| 65-85-0 | Benzoic Acid | 290 | J |
| 111-91-1 | bis(2-Chloroethoxy)Methane | 1200 | U |
| 120-83-2 | 2,4-Dichlorophenol | 1200 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1200 | U |
| 91-20-3 | Naphthalene | 1200 | U |
| 106-47-8 | 4-Chloroaniline | 1200 | U |
| 87-68-3 | Hexachlorobutadiene | 1200 | U |
| 59-50-7 | 4-Chloro-3-Methylphenol | 1200 | U |
| 91-57-6 | 2-Methylnaphthalene | 1200 | U |
| 77-47-4 | Hexachlorocyclopentadiene | 1200 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | 1200 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | 6000 | U |
| 91-58-7 | 2-Chloronaphthalene | 1200 | U |
| 88-74-4 | 2-Nitroaniline | 6000 | U |
| 131-11-3 | Dimethyl Phthalate | 1200 | U |
| 208-96-8 | Acenaphthylene | 1200 | U |
| 606-20-2 | 2,6-Dinitrotoluene | 1200 | U |

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977454

Sample wt/vol: 30.1 (g/mL) G Lab File ID: DEC14HK05

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 47 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 99-09-2 | 3-Nitroaniline | 6000 | U | |
| 83-32-9 | Acenaphthene | 1200 | U | |
| 51-28-5 | 2,4-Dinitrophenol | 6000 | U | |
| 100-02-7 | 4-Nitrophenol | 6000 | U | |
| 132-64-9 | Dibenzofuran | 1200 | U | |
| 121-14-2 | 2,4-Dinitrotoluene | 1200 | U | |
| 84-66-2 | Diethylphthalate | 1200 | U | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 1200 | U | |
| 86-73-7 | Fluorene | 1200 | U | |
| 100-10-6 | 4-Nitroaniline | 6000 | U | |
| 534-52-1 | 4,6-Dinitro-2-Methylphenol | 6000 | U | |
| 86-30-6 | N-Nitrosodiphenylamine (1) | 1200 | U | |
| 101-55-3 | 4-Bromophenyl-phenylether | 1200 | U | |
| 118-74-1 | Hexachlorobenzene | 1200 | U | |
| 87-86-5 | Pentachlorophenol | 6000 | U | |
| 85-01-8 | Phenanthrene | 120~~097~~ | ~~BJ~~U | RT |
| 120-12-7 | Anthracene | 1200 | U | |
| 84-74-2 | Di-n-Butylphthalate | 120~~017~~ | ~~BJ~~U | RT |
| 206-44-0 | Fluoranthene | 120~~150~~ | ~~BJ~~U | RT |
| 129-00-0 | Pyrene | 120~~210~~ | ~~BJ~~U | RT |
| 85-68-7 | Butylbenzylphthalate | 1200 | U | |
| 91-94-1 | 3,3'-Dichlorobenzidine | 2500 | U | |
| 56-55-3 | Benzo(a)Anthracene | 120~~390~~ | ~~BJ~~U | RT |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 1200 | U | |
| 218-01-9 | Chrysene | 1200 | U | |
| 117-84-0 | Di-n-Octyl Phthalate | 1200 | UJ | |
| 205-99-2 | Benzo(b)Fluoranthene | 1200 | UJ | |
| 207-08-9 | Benzo(k)Fluoranthene | 1200 | UJ | |
| 50-32-8 | Benzo(a)Pyrene | 1200 | UJ | |
| 193-39-5 | Indeno(1,2,3-cd)Pyrene | 1200 | UJ | |
| 53-70-3 | Dibenz(a,h)Anthracene | 1200 | UJ | |
| 191-24-2 | Benzo(g,h,i)Perylene | 1200 | UJ | |

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X107

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977454

Sample wt/vol: 30.1 (g/mL) ML Lab File ID: DEC14HK05T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 47 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 0.0301

Number TICs found: 20

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 6.95 | 6500 | BAJ |
| 2. | UNKNOWN | 7.08 | 41 | J |
| 3. | UNKNOWN | 7.35 | 160 | BAJ |
| 4. | UNKNOWN | 9.05 | 110 | BAJ |
| 5. | BENZALDEHYDE | 9.69 | 93 | J |
| 6. | UNKNOWN | 16.59 | 69 | BJ |
| 7. | UNKNOWN ALIP. HYDROCARBON | 19.62 | 54 | J |
| 8. | METHYL BENZENESULFONAMIDE | 20.10 | 56 | J |
| 9. | METHYL BENZENESULFONAMIDE | 20.57 | 290 | J |
| 10. | UNKNOWN ALIP. HYDROCARBON | 20.84 | 38 | J |
| 11. | UNKNOWN ALIP. HYDROCARBON | 20.92 | 66 | J |
| 12. | UNKNOWN | 22.20 | 78 | J |
| 13. | UNKNOWN ALIP. HYDROCARBON | 23.09 | 44 | BJ |
| 14. | UNKNOWN | 23.52 | 77 | J |
| 15. | UNKNOWN | 23.70 | 180 | J |
| 16. | UNKNOWN | 24.14 | 52 | J |
| 17. | UNKNOWN ALIP. HYDROCARBON | 25.14 | 49 | J |
| 18. | UNKNOWN ALIP. HYDROCARBON | 27.06 | 100 | J |
| 19. | UNKNOWN ALIP. HYDROCARBON | 28.89 | 95 | J |
| 20. | UNKNOWN ALIP. HYDROCARBON | 31.29 | 170 | J |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X107

Lab Name: I.E.P.A. - Springfield Contract: Northen/Celotex

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

Matrix: (soil/water): Soil Lab Sample ID: D977454

Sample wt/vol: 15.653 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. 47.84 dec. Date Extracted: 11-28-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 12-30-1990

GPC Cleanup: (Y/N) ~~N~~ Y pH: 5 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 31 | U |
| 319-85-7 | beta-BHC | 31 | U |
| 319-86-8 | delta-BHC | 31 | U |
| 58-89-9 | gamma-BHC (Lindane) | 31 | U |
| 76-44-8 | Heptachlor | 31 | U |
| 309-00-2 | Aldrin | 31 | U |
| 1024-57-3 | Heptachlor epoxide | 3.5 | J |
| 959-98-8 | Endosulfan I | 31 | U |
| 60-57-1 | Dieldrin | 18 | J |
| 72-55-9 | 4,4'-DDE | 61 | U |
| 72-20-8 | Endrin | 61 | U |
| 33213-65-9 | Endosulfan II | 61 | U |
| 72-54-8 | 4,4'-DDD | 61 | U |
| 1031-07-8 | Endosulfan sulfate | 61 | U |
| 50-29-3 | 4,4'-DDT | 22 | J |
| 72-43-5 | Methoxychlor | 307 | U |
| 53494-70-5 | Endrin ketone | 61 | U |
| 5103-71-9 | alpha-Chlordane | 307 | U |
| 5106-74-2 | gamma-Chlordane | 7 | J |
| 8001-35-2 | Toxaphene | 613 | U |
| 12674-11-2 | Arochlor-1016 | 307 | U |
| 11104-28-2 | Aroclor-1221 | 307 | U |
| 11141-16-5 | Aroclor-1232 | 307 | U |
| 53469-21-9 | Aroclor-1242 | 307 | U |
| 12672-29-6 | Aroclor-1248 | 307 | U |
| 11097-69-1 | Aroclor-1254 | 613 | U |
| 11096-82-5 | Aroclor-1260 | 613 | U |
| | | | |

U.S. EPA - CLP

1

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X107

Lab Name: Illinois EPA Champaign Lab  Contract: CELOTEX

Lab Code: _____  Case No.: _____  SAS No.: _____  SDG No.: 18

Matrix (soil/water): _____  Lab Sample ID: B917039

Level (low/med): _____  Date Received: 11/21/89

% Solids: 55.5

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8400 | | * | P U |
| 7440-36-0 | Antimony | 0.6 | B | N | F U |
| 7440-38-2 | Arsenic | 11 | | | F |
| 7440-39-3 | Barium | 98 | | | P |
| 7440-41-7 | Beryllium | 0.8 | B | | P |
| 7440-43-9 | Cadmium | 7.6 | | | P |
| 7440-70-2 | Calcium | 18700 | | | P |
| 7440-47-3 | Chromium | 18 | U | | P |
| 7440-48-4 | Cobalt | 7.9 | B | | P |
| 7440-50-8 | Copper | 32 | | | P |
| 7439-89-6 | Iron | 24700 | | * | P |
| 7439-92-1 | Lead | 85 | | S | F |
| 7439-95-4 | Magnesium | 6900 | | | P |
| 7439-96-5 | Manganese | 600 | | | P |
| 7439-97-6 | Mercury | 0.14 | | | AS |
| 7440-02-0 | Nickel | 34 | | | P |
| 7440-09-7 | Potassium | 1100 U | B | | P U |
| 7782-49-2 | Selenium | 0.5 | B | | F |
| 7440-22-4 | Silver | 0.60 | U | | P |
| 7440-23-5 | Sodium | 15 | U | | P |
| 7440-28-0 | Thallium | 0.4 | U | N | F |
| 7440-62-2 | Vanadium | 22 | | | P |
| 7440-66-6 | Zinc | 250 | | | P |
| | Cyanide | 1.5 | U | | AS |

Color Before: Black  Clarity Before: Opaque  Texture: Fine

Color After: Green  Clarity After: Clear  Artifacts: _____

Comments:

IEPA - CLP
CHAIN OF CUSTODY

D077455

Seal #: 5579

Date Sealed: 11/20/89 By: AW

Facility
Name : CELOTEX
Region: NORTHERN
County: WILL

Site Inventory # : 1971100002
Site Billing Code: SA-06
Project Manager : JOHN MORGAN

| LABORATORY # | SAMPLE I.D | SAMPLE DATE | SAMPLE TIME |
|---|---|---|---|
| | X108 | 11-20-89 | 5:15 |

Sample Appearance

Collection Comments: BACKGROUND, SOIL, 30 DAY TURN-AROUND

Sample Signature: John Morgan Division/Company: IEPA/LPC

| CONTAINER No. | Code | Size | Pres | ANALYSIS | REFRIGERATED (Y/N) | Date | Time |
|---|---|---|---|---|---|---|---|
| 2 | 12 | 2oz | | VOA | N | 11-20-89 | 5:15 |
| 1 | 5 | 32oz | | BNA, PEST/PCB | N | 11-20-89 | 5:15 |

CHAIN OF CUSTODY CHRONICLE

Sealed by (print): JOHN MORGAN Signature: John Morgan
Date: 11-20-89 Time: 2:15 Seal #: 5579 Intact: (Y)

Sealed by (print): JOHN MORGAN Signature: John Morgan
Date: 11-20-89 Time: 5:15 Seal #: 5580

Courier - sample delivery:

Courier - sample delivery:

I certify that I received the sample shipping container from the courier listed above with the shipping container and seal intact and that each bottle in the shipping container was intact. After recording the sample in the official record book, the sample will be in the custody of competent laboratory personnel at all times or locked in a secured area.

Opened by (print): Deanne Virgin Signature: Deanne Virgin
Date: NOV 21 1989 Time: 11:50 AM Seal #: 5580 Intact?: (Y) / N
Lab Name: Springfield EPA Comments:

D077455

-A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X10G

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977455

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1130BK07

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 19 Date Analyzed: 11/30/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

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

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

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977455

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1130BK07

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 19 Date Analyzed: 11/30/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

X108

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977455

Sample wt/vol: 30.1 (g/mL) G Lab File ID: DEC14HK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 19 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 108-95-2 | Phenol | 810 | U |
| 111-44-4 | bis(2-Chloroethyl)Ether | 810 | U |
| 95-57-8 | 2-Chlorophenol | 810 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 810 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 810 | U |
| 100-51-6 | Benzyl Alcohol | 810 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 810 | U |
| 95-48-7 | 2-Methylphenol | 810 | U |
| 39638-32-9 | bis(2-Chloroisopropyl)Ether | 810 | U |
| 106-44-5 | 4-Methylphenol | 810 | U |
| 621-64-7 | N-Nitroso-Di-n-Propylamine | 810 | U |
| 67-72-1 | Hexachloroethane | 810 | U |
| 98-95-3 | Nitrobenzene | 810 | U |
| 78-59-1 | Isophorone | 810 | U |
| 88-75-5 | 2-Nitrophenol | 810 | U |
| 105-67-9 | 2,4-Dimethylphenol | 810 | U |
| 65-85-0 | Benzoic Acid | 3900 | U |
| 111-91-1 | bis(2-Chloroethoxy)Methane | 810 | U |
| 120-83-2 | 2,4-Dichlorophenol | 810 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 810 | U |
| 91-20-3 | Naphthalene | 810 | U |
| 106-47-8 | 4-Chloroaniline | 810 | U |
| 87-68-3 | Hexachlorobutadiene | 810 | U |
| 59-50-7 | 4-Chloro-3-Methylphenol | 810 | U |
| 91-57-6 | 2-Methylnaphthalene | 810 | U |
| 77-47-4 | Hexachlorocyclopentadiene | 810 | U |
| 88-06-2 | 2,4,6-Trichlorophenol | 810 | U |
| 95-95-4 | 2,4,5-Trichlorophenol | 3900 | U |
| 91-58-7 | 2-Chloronaphthalene | 810 | U |
| 88-74-4 | 2-Nitroaniline | 3900 | U |
| 131-11-3 | Dimethyl Phthalate | 810 | U |
| 208-96-8 | Acenaphthylene | 810 | U |
| 606-20-2 | 2,6-Dinitrotoluene | 810 | U |

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: D977455

Sample wt/vol: 30.1 (g/mL) G Lab File ID: DEC14HK06

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 19 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 2.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 99-09-2 | 3-Nitroaniline | 3900 | U |
| 83-32-9 | Acenaphthene | 810 | U |
| 51-28-5 | 2,4-Dinitrophenol | 3900 | U |
| 100-02-7 | 4-Nitrophenol | 3900 | U |
| 132-64-9 | Dibenzofuran | 810 | U |
| 121-14-2 | 2,4-Dinitrotoluene | 810 | U |
| 84-66-2 | Diethylphthalate | 810 | U |
| 7005-72-3 | 4-Chlorophenyl-phenylether | 810 | U |
| 86-73-7 | Fluorene | 810 | U |
| 100-10-6 | 4-Nitroaniline | 3900 | U |
| 534-52-1 | 4,6-Dinitro-2-Methylphenol | 3900 | U |
| 86-30-6 | N-Nitrosodiphenylamine (1) | 810 | U |
| 101-55-3 | 4-Bromophenyl-phenylether | 810 | U |
| 118-74-1 | Hexachlorobenzene | 810 | U |
| 87-86-5 | Pentachlorophenol | 3900 | U |
| 85-01-8 | Phenanthrene | 810 ~~90~~ | ~~BJ~~ U |
| 120-12-7 | Anthracene | 810 | U |
| 84-74-2 | Di-n-Butylphthalate | 810 ~~13~~ | ~~BJ~~ U |
| 206-44-0 | Fluoranthene | 810 ~~150~~ | ~~BJ~~ U |
| 129-00-0 | Pyrene | 810 ~~170~~ | ~~BJ~~ U |
| 85-68-7 | Butylbenzylphthalate | 810 | U |
| 91-94-1 | 3,3'-Dichlorobenzidine | 1600 | U |
| 56-55-3 | Benzo(a)Anthracene | 810 ~~140~~ | ~~BJ~~ U |
| 117-81-7 | bis(2-Ethylhexyl)Phthalate | 810 ~~110~~ | ~~BJ~~ U |
| 218-01-9 | Chrysene | 810 ~~110~~ | ~~BJ~~ U |
| 117-84-0 | Di-n-Octyl Phthalate | 810 | U |
| 205-99-2 | Benzo(b)Fluoranthene | 810 | U |
| 207-08-9 | Benzo(k)Fluoranthene | 810 | U |
| 50-32-8 | Benzo(a)Pyrene | 810 | U |
| 193-39-5 | Indeno(1,2,3-cd)Pyrene | 810 | U |
| 53-70-3 | Dibenz(a,h)Anthracene | 810 | U |
| 191-24-2 | Benzo(g,h,i)Perylene | 810 | U |

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X108

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) _____ Lab Sample ID: D977455

Sample wt/vol: 30.1 (g/mL) ML Lab File ID: DEC14HK06T

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. 19 dec. ____ Date Extracted: 11/22/89

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 12/14/89

GPC Cleanup: (Y/N) Y pH: 5.0 Dilution Factor: 0.0301

Number TICs found: 17

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | UNKNOWN | 6.97 | 3800 | BAJ |
| 2. | BENZALDEHYDE | 9.72 | 41 | J |
| 3. | UNKNOWN ALIP. HYDROCARBON | 11.62 | 24 | J |
| 4. | UNKNOWN | 16.60 | 58 | BJ |
| 5. | UNKNOWN ALIP. HYDROCARBON | 17.00 | 39 | J |
| 6. | UNKNOWN ALIP. HYDROCARBON | 19.64 | 65 | J |
| 7. | METHYL BENZENESULFONAMIDE | 20.62 | 81 | J |
| 8. | UNKNOWN ALIP. HYDROCARBON | 20.85 | 38 | J |
| 9. | UNKNOWN ALIP. HYDROCARBON | 20.92 | 58 | J |
| 10. | UNKNOWN | 23.54 | 54 | J |
| 11. | UNKNOWN ALIP. HYDROCARBON | 23.72 | 40 | J |
| 2. | UNKNOWN ALIP. HYDROCARBON | 24.15 | 36 | J |
| 13. | UNKNOWN ALIP. HYDROCARBON | 25.17 | 33 | J |
| 14. | UNKNOWN | 26.14 | 72 | BJ |
| 15. | UNKNOWN ALIP. HYDROCARBON | 27.97 | 78 | J |
| 16. | UNKNOWN ALIP. HYDROCARBON | 28.89 | 58 | J |
| 17. | UNKNOWN ALIP. HYDROCARBON | 31.32 | 78 | J |

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

E.P.A. SAMPLE NO.

X108

Lab Name: I.E.P.A. - Springfield Contract: Northen/Celotex

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

Matrix: (soil/water): Soil Lab Sample ID: D977455

Sample wt/vol: 24.198 (g/mL) g Lab File ID:

Level: (low/med) low Date Received: 11-21-1989

% Moisture: not dec. 19.42 dec. Date Extracted: 11-28-1989

Extraction: (SepF/Cont/Sonc) Sonc Date Analyzed: 12-30-1990

GPC Cleanup: (Y/N) ~~N~~ Y pH: 5 Dilution Factor: 1

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) ug/Kg | Q |
|---|---|---|---|
| 319-84-6 | alpha-BHC | 20 | U |
| 319-85-7 | beta-BHC | 20 | U |
| 319-86-8 | delta-BHC | 20 | U |
| 58-89-9 | gamma-BHC (Lindane) | 20 | U |
| 76-44-8 | Heptachlor | 20 | U |
| 309-00-2 | Aldrin | 20 | U |
| 1024-57-3 | Heptachlor epoxide | 20 | U |
| 959-98-8 | Endosulfan I | 20 | U |
| 60-57-1 | Dieldrin | 40 | U |
| 72-55-9 | 4,4'-DDE | 1 | J |
| 72-20-8 | Endrin | 40 | U |
| 33213-65-9 | Endosulfan II | 40 | U |
| 72-54-8 | 4,4'-DDD | 40 | U |
| 1031-07-8 | Endosulfan sulfate | 40 | U |
| 50-29-3 | 4,4'-DDT | 40 | U |
| 72-43-5 | Methoxychlor | 199 | U |
| 53494-70-5 | Endrin ketone | 40 | U |
| 5103-71-9 | alpha-Chlordane | 199 | U |
| 5106-74-2 | gamma-Chlordane | 199 | U |
| 8001-35-2 | Toxaphene | 397 | U |
| 12674-11-2 | Arochlor-1016 | 199 | U |
| 11104-28-2 | Aroclor-1221 | 199 | U |
| 11141-16-5 | Aroclor-1232 | 199 | U |
| 53469-21-9 | Aroclor-1242 | 199 | U |
| 12672-29-6 | Aroclor-1248 | 199 | U |
| 11097-69-1 | Aroclor-1254 | 397 | U |
| 11096-82-5 | Aroclor-1260 | 397 | U |
| | | | |

U.S. EPA - CLP

1

# INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

X108

Lab Name: Illinois EPA Champaign Lab  Contract: CELOTEX

Lab Code: _____  Case No.: _____  SAS No.: _____  SDG No.: 18

Matrix (soil/water): _____  Lab Sample ID: B917040

Level (low/med): _____  Date Received: 11/21/89

% Solids: 80.3

Concentration Units (ug/L or mg/kg dry weight): _____

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 3200 | | * | P |
| 7440-36-0 | Antimony | 0.5 | U | N | F |
| 7440-38-2 | Arsenic | 3.0 | | | F |
| 7440-39-3 | Barium | 74 | | | P |
| 7440-41-7 | Beryllium | 0.41 | B | | P |
| 7440-43-9 | Cadmium | 1.7 | | | P |
| 7440-70-2 | Calcium | 4100 | | | P |
| 7440-47-3 | Chromium | 4.7 | U | | P |
| 7440-48-4 | Cobalt | 3.0 | B | | P |
| 7440-50-8 | Copper | 7.7 | | | P |
| 7439-89-6 | Iron | 6700 | | * | P |
| 7439-92-1 | Lead | 45 | | S | F |
| 7439-95-4 | Magnesium | 1500 | | | P |
| 7439-96-5 | Manganese | 370 | | | P |
| 7439-97-6 | Mercury | 0.016 | B | | AS |
| 7440-02-0 | Nickel | 5.8 U | B | | P |
| 7440-09-7 | Potassium | 550 U | B | | P |
| 7782-49-2 | Selenium | 0.3 | U | | F |
| 7440-22-4 | Silver | 0.55 | U | | P |
| 7440-23-5 | Sodium | 14 | U | | P |
| 7440-28-0 | Thallium | 0.2 | U | N | F |
| 7440-62-2 | Vanadium | 8.7 | B | | P |
| 7440-66-6 | Zinc | 58 | | | P |
| | Cyanide | 1.0 | U | | AS |

Color Before: Brown  Clarity Before: Opaque  Texture: Fine

Color After: Green  Clarity After: Clear  Artifacts: _____

Comments:

# SAMPLE HOLDING TIMES AND DILUTIONS

Laboratory ILLINOIS EPA
Case Number CELTEX



| Sample | | | | VOA | | | BNA | | | | | PEST | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| number | M | L | Rcvd | Anal | Hld | Dil | Extr | Hld | Anal | Hld | Dil | Extr | Hld | Anal | Hld | Dil |
| G101 | W | L | 11/20 | 11/22 | | | 11/21 | 1 | 12/05 | 14 | | | | | | |
| G102 | W | L | 11/20 | 11/22 | | | 11/21 | 1 | 12/05 | 14 | | | | | | |
| G103 | W | L | 11/20 | 11/22 | | | 11/21 | 1 | 12/05 | 14 | | | | | | |
| S101 | W | L | 11/20 | 11/22 | | | 11/21 | 1 | 12/05 | 14 | | | | | | |
| S102 | W | L | 11/20 | 11/22 | | | 11/21 | 1 | 12/05 | 14 | | | | | | |
| X101 | S | L | 11/20 | 11/29 | | | 11/22 | 2 | 12/15 | 23 | 2.00 | | | | | |
| X102D | S | L | 11/20 | 12/01 | | | 11/22 | 2 | 12/14 | 22 | 1.99 | | | | | |
| X103 | S | L | 11/20 | 11/29 | | | 11/22 | 2 | 12/14 | 22 | 1.99 | | | | | |
| X104D | S | L | 11/20 | 11/29 | | | 11/22 | 2 | 12/06 | 14 | 1.99 | | | | | |
| X105 | S | L | 11/20 | 11/29 | | | 11/22 | 2 | 12/06 | 14 | 1.99 | | | | | |
| X106DL | S | M | 11/20 | 11/30 | | | 11/22 | 2 | 12/18 | 26 | 9.71 | | | | | |
| X107 | S | L | 11/20 | 11/30 | | | 11/22 | 2 | 12/14 | 22 | 1.99 | | | | | |
| X108 | S | L | 11/20 | 11/30 | | | 11/22 | 2 | 12/14 | 22 | 1.99 | | | | | |

:A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: 112289BLK

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK03

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

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

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 | 4 | J | |
| 75-15-0 | Carbon Disulfide | 5 | U | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U | |
| 75-35-3 | 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 | RT |
| 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 | 10 | 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 | |
| ---------- | Total Xylenes | 5 | U | |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKW

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: 112289BLK

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK03

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

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

VBLKSL

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: 112989BLK

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1129BK03

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

% Moisture: not dec. _____ Date Analyzed: 11/29/89

Column: (pack/cap) _____ Dilution Factor: 1.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U | |
| 74-83-9 | Bromomethane | 10 | U | |
| 75-01-4 | Vinyl Chloride | 10 | U | |
| 75-00-3 | Chloroethane | 10 | U | |
| 75-09-2 | Methylene Chloride | 5 | U | |
| 67-64-1 | Acetone | 10 | U | |
| 75-15-0 | Carbon Disulfide | 5 | U | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U | |
| 75-35-3 | 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 | RT |
| 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 | 10 | 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 | |
| ---------- | Total Xylenes | 5 | U | |

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET
## TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKSL

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: 112989BLK

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1129BK03

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

% Moisture: not dec. ____ Date Analyzed: 11/29/89

Column (pack/cap) _____ Dilution Factor: 1.00

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.

VBLKSL

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: 113089BLK

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1130BK03

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

% Moisture: not dec. ____ Date Analyzed: 11/30/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q | |
|---|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U | |
| 74-83-9 | Bromomethane | 10 | U | |
| 75-01-4 | Vinyl Chloride | 10 | U | |
| 75-00-3 | Chloroethane | 10 | U | |
| 75-09-2 | Methylene Chloride | 5 | U | |
| 67-64-1 | Acetone | 10 | U | |
| 75-15-0 | Carbon Disulfide | 5 | U | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U | |
| 75-35-3 | 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 | RT |
| 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 | 10 | 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 | |
| | Total Xylenes | 5 | U | |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKSL

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: 113089BLK

Sample wt/vol: 5.0 (g/mL) G Lab File ID: B1130BK03

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

% Moisture: not dec. ____ Date Analyzed: 11/30/89

Column (pack/cap) WIDE Dilution Factor: 1.00

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.

VBLKSM

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: 120189BLK

Sample wt/vol: 4.0 (g/mL) G Lab File ID: B1201BK04

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

% Moisture: not dec. ____ Date Analyzed: 12/01/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

| CAS NO. | COMPOUND | CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 1000 | U |
| 74-83-9 | Bromomethane | 1000 | U |
| 75-01-4 | Vinyl Chloride | 1000 | U |
| 75-00-3 | Chloroethane | 1000 | U |
| 75-09-2 | Methylene Chloride | 500 | U |
| 67-64-1 | Acetone | 1000 | U |
| 75-15-0 | Carbon Disulfide | 500 | U |
| 75-35-4 | 1,1-Dichloroethene | 500 | U |
| 75-35-3 | 1,1-Dichloroethane | 500 | U |
| 540-59-0 | 1,2-Dichloroethene (total) | 500 | U |
| 67-66-3 | Chloroform | 500 | U |
| 107-06-2 | 1,2-Dichloroethane | 500 | U |
| 78-93-3 | 2-Butanone | 1000 | ~~UR~~ RT |
| 71-55-6 | 1,1,1-Trichloroethane | 500 | U |
| 56-23-5 | Carbon Tetrachloride | 500 | U |
| 108-05-4 | Vinyl Acetate | 1000 | U |
| 75-27-4 | Bromodichloromethane | 500 | U |
| 78-87-5 | 1,2-Dichloropropane | 500 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 500 | U |
| 79-01-6 | Trichloroethene | 500 | U |
| 124-48-1 | Dibromochloromethane | 500 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 500 | U |
| 71-43-2 | Benzene | 500 | U |
| 10061-02-6 | Trans-1,3-Dichloropropene | 500 | U |
| 75-25-2 | Bromoform | 500 | U |
| 108-10-1 | 4-Methyl-2-Pentanone | 1000 | U |
| 591-78-6 | 2-Hexanone | 1000 | U |
| 127-18-4 | Tetrachloroethene | 500 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1000 | U |
| 108-88-3 | Toluene | 500 | U |
| 108-90-7 | Chlorobenzene | 500 | U |
| 100-41-4 | Ethylbenzene | 500 | U |
| 100-42-5 | Styrene | 500 | U |
| | Total Xylenes | 500 | U |

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET
## TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKSM

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) SOIL Lab Sample ID: 120189BLK

Sample wt/vol: 4.0 (g/mL) G Lab File ID: B1201BK04

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

% Moisture: not dec. ____ Date Analyzed: 12/01/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| | | | | |

CASE NARRATIVE : CELOTEX

RECEIVED : 11/20/89

| SAMPLE I.D. | IEPA SAMPLE NUMBERS |
|---|---|
| G101 | D977442 |
| G102 | D977443 |
| G103 | D977444 |
| S101 | D977445 |
| S102 | D977446 |
| VBLKTB | D977447 |
| X101 | D977448 |
| X102D | D977449 |
| X103 | D977450 |
| X104D | D977451 |
| X105 | D977452 |
| X106 | D977453 |
| X107 | D977454 |
| X108 | D977455 |

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Volatile/Semivolatile data :

A medium soil matrix spike/matrix spike duplicate was not run. The extract of X106 was to highly colored to concentrate to 1.0ml even after GPC. GG

Pesticide/PCB data :

X106 was an oily sample which resulted in a tar-like material when 30 g were extracted. It was re-extracted using the medium level method, and analyzed in sequences apart from the other samples.

No compounds were identified in the primary sequence for X106 of 1/2/90, but the %D exceeded the criteria. That sequence was rerun on both the primary and confirmation columns.

The remaining samples in this set required two confirmation sequences. The first was not collected on the data system, but was hand calculated for confirmed components. The second exceeded the criteria for %D for INDA and INDB and so was used for retention time only. CMC

J Hurley

1A

# VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKTB

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977447

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column: (pack/cap) WIDE Dilution Factor: 1.00

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 | |
| 75-35-3 | 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 | RT |
| 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 | 10 | 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 | |
| | Total Xylenes | 5 | U | |

1E

# VOLATILE ORGANICS ANALYSIS DATA SHEET
## TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKTB

Lab Name: ILLINOIS EPA Contract: 1971100002

Lab Code: SPFLD Case No.: CELTEX SAS No.: _____ SDG No.: D97744

Matrix: (soil/water) WATER Lab Sample ID: D977447

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: B1122BK04

Level: (low/med) LOW Date Received: 11/20/89

% Moisture: not dec. ____ Date Analyzed: 11/22/89

Column (pack/cap) WIDE Dilution Factor: 1.00

Number TICs found: 0

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

| CAS NUMBER | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| | | | | |

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# COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Illinois Champaign Lab  Contract: CELOTEX

Lab Code: _____  Case No.: _____  SAS No.: _____  SDG No.: 18

SOW No.: 7/87 Rev. 12/87

| EPA Sample No. | Lab Sample ID. |
|---|---|
| G101 | *B917028 |
| G102 | B917029 |
| G103 | B917030 |
| S101 | B917031 |
| S102 | B917032 |
| X101 | *B917033 |
| X102D | B917034 |
| X103 | B917035 |
| X104D | B917036 |
| X105 | B917037 |
| X106 | B917038 |
| X107 | B917039 |
| X108 | B917040 |

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Were ICP interelement corrections applied? Yes/No

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

Comments:

Release of the data contained in this hardcopy data package ~~and in the computer-readable data submitted on floppy diskette~~ has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Lab Manager: [signature]

Date: 12/28/89