0190100008
IP Town Gas
SR/TR

Illinois Power Company
P.O. Box 511
Decatur, IL 62525-0511

ILLINOIS POWER
An Illinova Company

February 17, 1998
BHM98004

Mr. Andy Frierdich, E.I.T.
Project Manager
Illinois Environmental Protection Agency
Bureau of Land
1021 N. Grand Ave. East
P.O. Box 19276
Springfield, IL 62794-9276

Dear Andy:

Re: **Champaign MGP Air Monitoring Data and TCLP Data for Champaign, Danville and Carlinville**

As you requested during our January 29, 1998 meeting, we have prepared the attached summary tables for the air monitoring data from the Interim Remedial Measures at the Champaign MGP site. To create these tables, we converted the original raw laboratory data, reported in total milligrams to micrograms per cubic meter. This conversion is necessary to determine the concentration of the detected compounds in air.

In addition, we provided a table of Risk Based Concentrations (RBCs) for the compounds that we detected. The RBCs were prepared by USEPA Region III for contaminants in air. We have converted USEPA's RBCs to a four-month value. For those compounds that were not detected, we assumed a concentration of one-half the detection limit for our calculations. As you can see from the attached tables, the average concentrations were well below the four- month RBCs.

We have also included tables of analytical data from the stockpiles at the Danville, Carlinville, and Champaign MGP sites. You requested these data to confirm that we were not storing potentially RCRA hazardous wastes on-site for more than the permissible ninety days.

Please contact me at 217/424-7525 if you have any questions.

Sincerely,

Brian H. Martin

Brian H. Martin, CHMM
Senior Environmental Professional

SCREENED
MM

Illinois Power Company Interim Remedial Measure Sites
Laboratory Analytical Results for Stockpiled Blended Materials at Danville, Champaign, and Carlinville
(as of February 5, 1998)

IRM Site Name	Sample Number	Date	COC Serial No.	ARDL, Inc. Lab Report Number	TCLP Benzene ug/L	pH (std. units)	Moisture (%)	Reactive Cyanide (mg/kg)	Reactive Sulfide (mg/kg)
Danville	GH1-L16-2	10/02/97	B4557	300672-01	240	11.5	10.4	ND(0.28)	ND(27.9)
	TS-1	10/02/97	B4557	300672-02	490	11.3	13.6	ND(0.29)	ND(28.9)
Carlinville	GH1-L1-1	11/18/97	B4448	300697-01	31.9	11.7	20.7	ND(0.32)	ND(31.5)
	GH1-Stockpile	12/15/97	B4445	300707-01	20.9 J	11.3	18.1	1.1	ND(30.5)
Champaign	GH-SP1-1	11/12/97	B4559	300694-01	158	12.0	17.5	- -	- -
	GH-SP2-1	11/18/97	B4560	300698-01	330	- -	- -	- -	- -
	GH-SP3-1	12/4/97	B4642	300704-01	134	- -	- -	- -	- -
	GH-SP4-1	12/18/97	B4628	300708-01	103	- -	- -	- -	- -
	GH-SP5-1	12/18/97	B4628	300708-02	295	- -	- -	- -	- -
	GH-SP6-1	12/18/97	B4628	300708-03	324	- -	- -	- -	- -
	GH-SP7-1	1/29/98	B4632	300720-01	141	- -	- -	- -	- -
	GH-SP8-1	1/29/98	B4632	300720-02	499	- -	- -	- -	- -

- -	parameter not analyzed
J	estimated concentration, below reporting limit of 50 ug/L
mg/kg	milligrams per kilogram
ug/L	micrograms per liter

LABORATORY REPORTS

ILLINOIS POWER COMPANY IRM SITE
DANVILLE, ILLINOIS

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300672 Report Date: 10/03/1997

Project Name: DANVILLE IRM
Project No.: 18411
Analysis: VOA, TCLP
Analytical Method: 8260A
Prep Method: 1311

Field ID:	GH1-L16-2	ARDL Lab No.:	300672-01
Desc/Location:	NA	Lab Filename:	>G6903
Sample Date:	10/02/1997	Received Date:	10/02/1997
Sample Time:	1030	Prep. Date:	10/02/1997
Matrix:	SOIL	Analysis Date:	10/03/1997
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	1003TJPC
% Moisture:	10.4	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	18	100	240		UG/L	20

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	106%
DIBROMOFLUOROMETHANE	79-127	113%
1,2-DICHLOROETHANE-D4	71-135	105%
TOLUENE-D8	89-133	105%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

Sample 300672-01, VOA, TCLP

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300672 Report Date: 10/03/1997

Project Name: DANVILLE IRM
Project No.: 18411
Analysis: VOA, TCLP
Analytical Method: 8260A
Prep Method: 1311

Field ID:	TS-1	ARDL Lab No.:	300672-02
Desc/Location:	NA	Lab Filename:	>G6904
Sample Date:	10/02/1997	Received Date:	10/02/1997
Sample Time:	1035	Prep. Date:	10/02/1997
Matrix:	SOIL	Analysis Date:	10/03/1997
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	1003TJPC
% Moisture:	13.6	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	18	100	490		UG/L	20

	Limits	Results
SURROGATE RECOVERIES:		
4-BROMOFLUOROBENZENE	72-129	111%
DIBROMOFLUOROMETHANE	79-127	116%
1,2-DICHLOROETHANE-D4	71-135	103%
TOLUENE-D8	89-133	109%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

Sample 300672-02, VOA, TCLP

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300672 Report Date: 10/03/1997

Project Name: DANVILLE IRM Analysis: Inorganics
Project No: 18411

Field ID: GH1-L16-2 ARDL No: 300672-01
Sampling Loc'n: NA Received: 10/02/1997
Sampling Date: 10/02/1997 Matrix: SOIL
Sampling Time: 1030 Moisture: 10.4

Analyte	Detection Limit	Result	Units	Prep Method	Analysis Method	Prep Date	Analysis Date	Run Number
CYANIDE, REACTIVE	0.28	ND	MG/KG	7.3.3	9010A	10/02/97	10/03/97	10034584
MOISTURE	1	10.4	%	NONE	160.3	NA	10/02/97	10034582
pH	0.2	11.5	PH UNITS	NONE	9045C	NA	10/02/97	10034578
SOLIDS, TOTAL	1.0	89.6	%	NONE	160.3	NA	10/02/97	10034581
SULFIDE, REACTIVE	27.9	ND	MG/KG	7.3.4	9030	10/02/97	10/03/97	10034583

Sample 300672-01, Inorganic Analyses

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300672 Report Date: 10/03/1997

Project Name: DANVILLE IRM Analysis: Inorganics
Project No: 18411

Field ID: TS-1 ARDL No: 300672-02
Sampling Loc'n: NA Received: 10/02/1997
Sampling Date: 10/02/1997 Matrix: SOIL
Sampling Time: 1035 Moisture: 13.6

Analyte	Detection Limit	Result	Units	Prep Method	Analysis Method	Prep Date	Analysis Date	Run Number
CYANIDE, REACTIVE	0.29	ND	MG/KG	7.3.3	9010A	10/02/97	10/03/97	10034584
MOISTURE	1	13.6	%	NONE	160.3	NA	10/02/97	10034582
pH	0.2	11.3	PH UNITS	NONE	9045C	NA	10/02/97	10034578
SOLIDS, TOTAL	1.0	86.4	%	NONE	160.3	NA	10/02/97	10034581
SULFIDE, REACTIVE	28.9	ND	MG/KG	7.3.4	9030	10/02/97	10/03/97	10034583

LABORATORY REPORTS

ILLINOIS POWER COMPANY IRM SITE
CARLINVILLE, ILLINOIS

COC Serial No. B4448

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt, Vernon, Illinois 62864

Lab Report No: 300697 Report Date: 11/19/1997

Project Name:	CARLINVILLE	Analysis:	VOA, TCLP
Project No.:	18744	Analytical Method:	8260A
		Prep Method:	5030
Field ID:	GH1-L1-1	ARDL Lab No.:	300697-01
Desc/Location:	NA	Lab Filename:	G7271
Sample Date:	11/18/1997	Received Date:	11/18/1997
Sample Time:	0805	Prep. Date:	11/18/1997
Matrix:	SOIL	Analysis Date:	11/19/1997
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	1119TJTK
% Moisture:	20.7	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	1.8	10.0	31.9		UG/L	2

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	107%
DIBROMOFLUOROMETHANE	79-127	119%
1,2-DICHLOROETHANE-D4	71-135	111%
TOLUENE-D8	89-133	122%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300697 Report Date: 11/19/1997

Project Name: CARLINVILLE
Project No: 18744
Analysis: Inorganics

Field ID: GH1-L1-1
Sampling Loc'n: NA
Sampling Date: 11/18/1997
Sampling Time: 0805
ARDL No: 300697-01
Received: 11/18/1997
Matrix: SOIL
Moisture: 20.7

Analyte	Detection Limit	Result	Units	Prep Method	Analysis Method	Prep Date	Analysis Date	Run Number
CYANIDE, REACTIVE	0.32	ND	MG/KG	7.3.3	9010A	11/18/97	11/18/97	11194745
pH	0.2	11.7	PH UNITS	NONE	9045C	NA	11/18/97	11194743
SOLIDS, TOTAL	1.0	79.3	%	NONE	160.3	NA	11/18/97	11194744
SULFIDE, REACTIVE	31.5	ND	MG/KG	7.3.4	9030	11/18/97	11/18/97	11194746

COC
Serial No. B44145

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300707 Report Date: 01/05/1998

Project Name:	CARLINVILLE	Analysis:	VOA, TCLP
Project No.:	18744	Analytical Method:	8260A
		Prep Method:	5030

Field ID:	GH1-STOCKPILE	ARDL Lab No.:	300707-01
Desc/Location:	NA	Lab Filename:	G7518
Sample Date:	12/15/1997	Received Date:	12/17/1997
Sample Time:	1000	Prep. Date:	12/18/1997
Matrix:	SOIL	Analysis Date:	12/19/1997
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	0105TJTR
% Moisture:	18.1	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	9	50.0	20.9	J	UG/L	10

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	109%
DIBROMOFLUOROMETHANE	79-127	126%
1,2-DICHLOROETHANE-D4	71-135	129%
TOLUENE-D8	89-133	109%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300707 Report Date: 12/23/1997

Project Name: CARLINVILLE
Project No: 18744
Analysis: Inorganics

Field ID: GH1-STOCKPILE
Sampling Loc'n: NA
Sampling Date: 12/15/1997
Sampling Time: 1000
ARDL No: 300707-01
Received: 12/17/1997
Matrix: SOIL
Moisture: 18.1

Analyte	Detection Limit	Result	Units	Prep Method	Analysis Method	Prep Date	Analysis Date	Run Number
CYANIDE, REACTIVE	0.31	1.1	MG/KG	7.3.3	9010A	12/18/97	12/19/97	12224881
pH	0.2	11.3	PH UNITS	NONE	9045C	NA	12/18/97	12224882
SOLIDS, TOTAL	1.0	81.9	%	NONE	160.3	NA	12/18/97	12224877
SULFIDE, REACTIVE	30.5	ND	MG/KG	7.3.4	9030	12/18/97	12/22/97	12234887

Sample 300707-01, Inorganic Analyses

LABORATORY REPORTS

ILLINOIS POWER COMPANY IRM SITE
CHAMPAIGN, ILLINOIS

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300694 Report Date: 11/17/1997

Project Name:	CHAMPAIGN	Analysis:	VOA, TCLP
Project No.:	18745	Analytical Method:	8260A
		Prep Method:	5030

Field ID:	GH-SP1-1	ARDL Lab No.:	300694-01
Desc/Location:	NA	Lab Filename:	G7237
Sample Date:	11/12/1997	Received Date:	11/13/1997
Sample Time:	1430	Prep. Date:	11/13/1997
Matrix:	SOIL	Analysis Date:	11/14/1997
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	1117TJTY
% Moisture:	No Moisture Present	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	9	50.0	158		UG/L	10

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	112%
DIBROMOFLUOROMETHANE	79-127	124%
1,2-DICHLOROETHANE-D4	71-135	117%
TOLUENE-D8	89-133	116%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300694 Report Date: 11/14/1997

Project Name: CHAMPAIGN Analysis: Inorganics
Project No: 18745

Field ID: GH-SP1-1 ARDL No: 300694-01
Sampling Loc'n: NA Received: 11/13/1997
Sampling Date: 11/12/1997 Matrix: SOIL
Sampling Time: 1430 Moisture: 17.5%

Analyte	Detection Limit	Result	Units	Prep Method	Analysis Method	Prep Date	Analysis Date	Run Number
MOISTURE	1	17.5	%	NONE	160.3	NA	11/13/97	11144730
pH	0.2	12.0	PH UNITS	NONE	9045C	NA	11/14/97	11144731

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300698 Report Date: 11/20/1997

Project Name:	CHAMPAIGN	Analysis:	VOA, TCLP
Project No.:	18745	Analytical Method:	8260A
		Prep Method:	5030

Field ID:	GH-SP2-1	ARDL Lab No.:	300698-01
Desc/Location:	NA	Lab Filename:	G7278
Sample Date:	11/18/1997	Received Date:	11/19/1997
Sample Time:	0930	Prep. Date:	11/19/1997
Matrix:	SOIL	Analysis Date:	11/20/1997
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	1120TJTL
% Moisture:	No Moisture Present	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	9	50.0	330		UG/L	10

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	98%
DIBROMOFLUOROMETHANE	79-127	107%
1,2-DICHLOROETHANE-D4	71-135	102%
TOLUENE-D8	89-133	104%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300704 Report Date: 12/10/1997

Project Name:	CH MGP IRM	Analysis:	VOA, TCLP
Project No.:	18745	Analytical Method:	8260A
		Prep Method:	5030

Field ID:	GH-SP3-1	ARDL Lab No.:	300704-01
Desc/Location:	NA	Lab Filename:	J2069
Sample Date:	12/04/1997	Received Date:	12/05/1997
Sample Time:	1030	Prep. Date:	12/08/1997
Matrix:	SOIL	Analysis Date:	12/09/1997
Amount Used:	5 mL	Instrument ID:	HP4
Final Volume:	5 mL	QC Batch:	1210LSY
% Moisture:	No Moisture Present	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	9	50.0	134		UG/L	10

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	98%
DIBROMOFLUOROMETHANE	79-127	113%
1,2-DICHLOROETHANE-D4	71-135	94%
TOLUENE-D8	89-133	111%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300708 Report Date: 12/31/1997

Project Name: IP-CH-IRM
Project No.:
Analysis: VOA, TCLP
Analytical Method: 8260A
Prep Method: 5030A

Field ID:	GH-SP4-1	ARDL Lab No.:	300708-01
Desc/Location:	NA	Lab Filename:	G7543
Sample Date:	12/18/1997	Received Date:	12/20/1997
Sample Time:	1435	Prep. Date:	12/29/1997
Matrix:	SOIL	Analysis Date:	12/30/1997
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	1231TJTP
% Moisture:	No Moisture Present	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	9	50.0	103		UG/L	10

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	108%
DIBROMOFLUOROMETHANE	79-127	126%
1,2-DICHLOROETHANE-D4	71-135	124%
TOLUENE-D8	89-133	111%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300708 Report Date: 12/31/1997

Project Name: IP-CH-IRM
Project No.:
Analysis: VOA, TCLP
Analytical Method: 8260A
Prep Method: 5030A

Field ID:	GH-SP5-1	ARDL Lab No.:	300708-02
Desc/Location:	NA	Lab Filename:	G7542
Sample Date:	12/18/1997	Received Date:	12/20/1997
Sample Time:	1450	Prep. Date:	12/29/1997
Matrix:	SOIL	Analysis Date:	12/30/1997
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	1231TJTP
% Moisture:	No Moisture Present	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	9	50.0	295		UG/L	10

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	105%
DIBROMOFLUOROMETHANE	79-127	119%
1,2-DICHLOROETHANE-D4	71-135	112%
TOLUENE-D8	89-133	105%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300708 Report Date: 12/31/1997

Project Name:	IP-CH-IRM	Analysis:	VOA, TCLP
Project No.:		Analytical Method:	8260A
		Prep Method:	5030A
Field ID:	GH-SP6-1	ARDL Lab No.:	300708-03
Desc/Location:	NA	Lab Filename:	G7544
Sample Date:	12/18/1997	Received Date:	12/20/1997
Sample Time:	1515	Prep. Date:	12/29/1997
Matrix:	SOIL	Analysis Date:	12/30/1997
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	1231TJTP
% Moisture:	No Moisture Present	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	9	50.0	324		UG/L	10

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	99%
DIBROMOFLUOROMETHANE	79-127	116%
1,2-DICHLOROETHANE-D4	71-135	110%
TOLUENE-D8	89-133	101%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300720 Report Date: 02/02/1998

Project Name:	IP-CH-IRM	Analysis:	VOA, TCLP
Project No.:	18745	Analytical Method:	8260A
		Prep Method:	5030

Field ID:	GH-SP7-1	ARDL Lab No.:	300720-01
Desc/Location:	NA	Lab Filename:	G7861
Sample Date:	01/29/1998	Received Date:	01/30/1998
Sample Time:	1250	Prep. Date:	01/30/1998
Matrix:	SOIL	Analysis Date:	02/02/1998
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	0202LSV
% Moisture:	No Moisture Present	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	4.5	25.0	141		UG/L	5

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	112%
DIBROMOFLUOROMETHANE	79-127	123%
1,2-DICHLOROETHANE-D4	71-135	115%
TOLUENE-D8	89-133	116%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

Sample 300720-01, VOA, TCLP

ARDL, INC.
Rt. 15E, Mt. Vernon Airport Industrial Park
Mt. Vernon, Illinois 62864

Lab Report No: 300720 Report Date: 02/02/1998

Project Name:	IP-CH-IRM	Analysis:	VOA, TCLP
Project No.:	18745	Analytical Method:	8260A
		Prep Method:	5030

Field ID:	GH-SP8-1	ARDL Lab No.:	300720-02
Desc/Location:	NA	Lab Filename:	G7862
Sample Date:	01/29/1998	Received Date:	01/30/1998
Sample Time:	1300	Prep. Date:	01/30/1998
Matrix:	SOIL	Analysis Date:	02/02/1998
Amount Used:	5 mL	Instrument ID:	HP7
Final Volume:	5 mL	QC Batch:	0202LSV
% Moisture:	No Moisture Present	Level:	LOW

Parameter	Method Limit	Reporting Limit	Result	Data Flag	Units	Dilution Factor
BENZENE, TCLP	4.5	25.0	499		UG/L	5

SURROGATE RECOVERIES:	Limits	Results
4-BROMOFLUOROBENZENE	72-129	114%
DIBROMOFLUOROMETHANE	79-127	117%
1,2-DICHLOROETHANE-D4	71-135	104%
TOLUENE-D8	89-133	112%

Surrogate recoveries marked with '*' indicates they are outside standard limits.

Sample 300720-02, VOA, TCLP

PRELIMINARY DATA FOR METHOD TO-13 PARAMETERS
IP-CHAMPAIGN SITE

METHOD TO-13 PARAMETER	Adjusted RBC Screening Level (4 months)	Average Detected Conc.
Naphthalene	15000	11.22 ✓
Acenaphthylene	NA	0.31
Acenaphthene	22000	0.13
Fluorene	15000	0.13
Phenanthrene	NA	0.10
Anthracene	110000	0.015
Fluoranthene	15000	0.008
Pyrene	11000	0.007
Benzo(a)anthracene	1	0.004
Chrysene	100	0.003
Benzo(b)fluoranthene	1	0.005 *
Benzo(k)fluoranthene	1	0.006 *
Benzo(a)pyrene	0.1	0.004 *
Indeno(1,2,3-cd)pyrene	1	0.003
Dibenzo(a,h)anthracene	0.1	0.005 *
Benzo(ghi)perylene	NA	0.004 *

RBC - Risk-based concentration (USEPA, 1997).
Concentrations presented in ug/m^3.
NA = Not available.
* = Analyte not detected; 1/2 SQL presented.

ANALYTICAL DATA - 10/97 TO 12/97

CHAMPAIGN SITE

METHOD TO-13	[illegible]					EVENT R1						EVENT R1						EVENT R2					
	10/15/97-10/16/97					10/16/97-10/17/97						10/27/97-10/28/97						10/30/97-10/31/97					
PARAMETER	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6
Naphthalene	0.208	0.216	0.329	0.321	0.258	0.266	0.170	0.170	0.208	0.216	0.177	10.673	5.234	0.628	0.698	3.079	2.997	3.31	0.32	0.41	0.23	37.42	37.42
Acenaphthylene	0.057	0.057	0.057	0.055	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.045	0.112	0.112	0.015	0.040	0.036	0.052	0.007	0.007	0.007	0.660	0.774
Acenaphthene	0.071	0.071	0.071	0.069	0.071	0.071	0.071	0.071	0.071	0.071	0.071	0.361	0.140	0.140	0.021	0.172	0.177	0.387	0.009	0.024	0.009	0.602	0.559
Fluorene	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.099	0.091	0.091	0.013	0.088	0.088	0.185	0.008	0.012	0.012	0.398	0.473
Phenanthrene	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.057	0.042	0.042	0.016	0.045	0.045	0.181	0.016	0.015	0.017	0.335	0.301
Anthracene	0.039	0.039	0.039	0.038	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.009	0.077	0.077	0.009	0.009	0.009	0.021	0.005	0.005	0.005	0.047	0.041
Fluoranthene	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.008	0.070	0.070	0.008	0.008	0.008	0.004	0.004	0.004	0.004	0.016	0.014
Pyrene	0.018	0.018	0.018	0.017	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.004	0.035	0.035	0.004	0.005	0.004	0.009	0.002	0.002	0.002	0.014	0.015
Benzo(a)anthracene	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.007	0.056	0.056	0.007	0.007	0.007	0.003	0.004	0.003	0.003	0.003	0.003
Chrysene	0.018	0.018	0.018	0.017	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.004	0.035	0.035	0.004	0.004	0.004	0.002	0.002	0.002	0.002	0.002	0.002
Benzo(b)fluoranthene	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.008	0.070	0.070	0.008	0.008	0.008	0.004	0.004	0.004	0.004	0.004	0.004
Benzo(k)fluoranthene	0.039	0.039	0.039	0.038	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.009	0.077	0.077	0.009	0.009	0.009	0.005	0.005	0.005	0.005	0.005	0.005
Benzo(a)pyrene	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.007	0.056	0.056	0.007	0.007	0.007	0.003	0.004	0.003	0.003	0.003	0.003
Indeno(1,2,3-cd)pyrene	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.005	0.042	0.042	0.005	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.003
Dibenzo(a,h)anthracene	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.008	0.070	0.070	0.008	0.008	0.008	0.004	0.004	0.004	0.004	0.004	0.004
Benzo(ghi)perylene	0.025	0.025	0.025	0.024	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.006	0.049	0.049	0.006	0.006	0.006	0.003	0.003	0.003	0.003	0.003	0.003

ANALYTICAL DATA - 10/97 TO 12/97

CHAMPAIGN SITE

METHOD TO-13	[illegible] 11/3/97-11/4/97						[illegible] 11/6/97-11/7/97						[illegible] 11/11/97-11/12/97						[illegible] 11/17/97-11/18/97					
PARAMETER	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6
Naphthalene	8.65	2.64	0.49	0.24	6.59	9.06	0.84	0.33	38.72	10.35	7.45	0.05	1.35	22.29	5.64	4.20	2.19	2.44	20.66	0.88	0.22	0.27	28.94	24.10
Acenaphthylene	0.210	0.056	0.007	0.007	0.202	0.222	0.034	0.018	1.100	0.253	0.265	0.007	0.032	0.377	0.150	0.089	0.063	0.063	0.468	0.038	0.012	0.013	0.898	0.689
Acenaphthene	0.161	0.029	0.008	0.008	0.136	0.165	0.083	0.018	0.251	0.070	0.120	0.008	0.040	0.116	0.053	0.029	0.045	0.040	0.184	0.006	0.006	0.008	0.245	0.241
Fluorene	0.107	0.026	0.005	0.005	0.099	0.111	0.054	0.017	0.295	0.091	0.112	0.005	0.026	0.135	0.069	0.036	0.030	0.032	0.204	0.016	0.004	0.008	0.293	0.276
Phenanthrene	0.103	0.031	0.011	0.014	0.210	0.092	0.075	0.030	0.154	0.079	0.079	0.002	0.025	0.091	0.047	0.033	0.023	0.022	0.132	0.015	0.010	0.011	0.166	0.164
Anthracene	0.001	0.005	0.005	0.005	0.011	0.014	0.010	0.005	0.024	0.013	0.013	0.005	0.003	0.011	0.006	0.003	0.003	0.003	0.017	0.003	0.003	0.003	0.026	0.022
Fluoranthene	0.004	0.004	0.004	0.004	0.004	0.004	0.009	0.004	0.009	0.004	0.009	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.008	0.008
Pyrene	0.009	0.002	0.002	0.002	0.005	0.006	0.008	0.005	0.008	0.007	0.008	0.002	0.001	0.005	0.003	0.006	0.001	0.001	0.005	0.002	0.002	0.001	0.009	0.008
Benzo(a)anthracene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002
Chrysene	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.002	0.001	0.001	0.001	0.001	0.002	0.002	0.001	0.001	0.001
Benzo(b)fluoranthene	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Benzo(k)fluoranthene	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Benzo(a)pyrene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003	0.003	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002
Indeno(1,2,3-cd)pyrene	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Dibenzo(a,h)anthracene	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Benzo(ghi)perylene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

ANALYTICAL DATA - 10/97 TO 12/97

CHAMPAIGN SITE

METHOD TO-13	EVENT R7 11/20/97-11/21/97						EVENT R8 11/24/97-11/25/97						EVENT R9 12/1/97-12/2/97					
PARAMETER	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6
Naphthalene	23.03	3.92	4.90	4.05	12.80	12.56	32.01	1.17	0.57	4.25	29.46	32.01	13.97	1.62	3.49	18.22	9.41	9.89
Acenaphthylene	1.107	0.111	0.264	0.231	0.624	0.658	1.397	0.048	0.029	0.094	0.790	0.873	0.378	0.051	0.175	0.838	0.278	0.262
Acenaphthene	0.293	0.033	0.075	0.062	0.206	0.209	0.320	0.008	0.006	0.028	0.276	0.279	0.125	0.015	0.067	0.161	0.097	0.090
Fluorene	0.419	0.039	0.111	0.106	0.256	0.261	0.378	0.020	0.017	0.043	0.304	0.291	0.126	0.019	0.076	0.209	0.109	0.093
Phenanthrene	0.269	0.042	0.092	0.103	0.219	0.230	0.250	0.030	0.030	0.049	0.231	0.210	0.081	0.017	0.060	0.155	0.073	0.067
Anthracene	0.039	0.004	0.011	0.013	0.026	0.029	0.035	0.003	0.003	0.007	0.029	0.025	0.010	0.003	0.006	0.019	0.007	0.008
Fluoranthene	0.015	0.003	0.003	0.008	0.013	0.013	0.014	0.007	0.007	0.008	0.016	0.015	0.003	0.003	0.003	0.003	0.003	0.003
Pyrene	0.016	0.006	0.008	0.008	0.014	0.013	0.013	0.008	0.008	0.009	0.016	0.015	0.004	0.002	0.004	0.006	0.004	0.004
Benzo(a)anthracene	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002
Chrysene	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.004	0.004	0.001	0.002	0.002	0.002	0.002	0.001
Benzo(b)fluoranthene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Benzo(k)fluoranthene	0.003	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Benzo(e)pyrene	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	0.002	0.002	0.006	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Dibenzo(a,h)anthracene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Benzo(ghi)perylene	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

ANALYTICAL DATA - 10/97 TO 12/97

CHAMPAIGN SITE

METHOD TO-13																		
	12/8/97-12/9/97						12/11/97-12/12/97						12/15/97-12/16/97					
PARAMETER	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6
Naphthalene	11.90	14.89	0.44	6.15	14.54	12.77	8.63	50.32	20.76	5.42	4.81	4.04	24.95	0.61	0.61	5.51	80.83	32.29
Acenaphthylene	0.215	0.222	0.018	0.182	0.333	0.319	0.173	0.503	0.535	0.117	0.076	0.069	0.998	0.030	0.032	0.083	1.072	1.057
Acenaphthene	0.046	0.035	0.019	0.039	0.073	0.067	0.058	0.126	0.154	0.033	0.036	0.028	0.232	0.005	0.006	0.026	0.308	0.294
Fluorene	0.052	0.041	0.015	0.058	0.085	0.081	0.076	0.154	0.283	0.063	0.036	0.029	0.382	0.020	0.020	0.027	0.337	0.352
Phenanthrene	0.038	0.029	0.017	0.051	0.068	0.052	0.066	0.085	0.261	0.078	0.039	0.032	0.276	0.024	0.023	0.022	0.266	0.264
Anthracene	0.003	0.003	0.003	0.003	0.003	0.006	0.010	0.010	0.029	0.011	0.003	0.003	0.027	0.004	0.004	0.003	0.037	0.036
Fluoranthene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.009	0.007	0.003	0.003	0.007	0.003	0.003	0.003	0.009	0.009
Pyrene	0.003	0.004	0.002	0.005	0.004	0.005	0.004	0.004	0.012	0.008	0.005	0.005	0.007	0.002	0.002	0.002	0.008	0.009
Benzo(a)anthracene	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002
Chrysene	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.002	0.001
Benzo(b)fluoranthene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Benzo(k)fluoranthene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.004	0.003	0.003	0.003
Benzo(e)pyrene	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0.002
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Dibenzo(a,h)anthracene	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Benzo(ghi)perylene	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002

ANALYTICAL DATA - 10/97 TO 12/97

CHAMPAIGN SITE

METHOD TO-13 PARAMETER	EVENT R13 12/16/97-12/19/97 Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	AVERAGE (Events R1-R13)
Naphthalene	17.13	1.13	1.51	2.74	43.15	44.31	11.22
Acenaphthylene	0.876	0.091	0.097	0.049	0.888	0.945	0.91
Acenaphthene	0.195	0.021	0.021	0.016	0.647	0.650	0.13
Fluorene	0.384	0.042	0.048	0.021	0.462	0.414	0.13
Phenanthrene	0.295	0.042	0.055	0.022	0.284	0.260	0.10
Anthracene	0.038	0.004	0.004	0.003	0.046	0.044	0.015
Fluoranthene	0.011	0.003	0.003	0.003.	0.015	0.014	0.008
Pyrene	0.011	0.004	0.004	0.002	0.014	0.014	0.007
Benzo(a)anthracene	0.002	0.003	0.003	0.002	0.002	0.002	0.004
Chrysene	0.001	0.002	0.002	0.002	0.002	0.001	0.003
Benzo(b)fluoranthene	0.003	0.003	0.003	0.003	0.003	0.003	0.005
Benzo(k)fluoranthene	0.003	0.004	0.004	0.003	0.003	0.003	0.006
Benzo(a)pyrene	0.002	0.003	0.003	0.002	0.002	0.002	0.004
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	0.002	0.002	0.002	0.003
Dibenzo(a,h)anthracene	0.003	0.003	0.003	0.003	0.003	0.003	0.005
Benzo(ghi)perylene	0.002	0.002	0.002	0.002	0.002	0.002	0.004

Sta. - Sampling Station. See site sketch in Ambient Air Monitoring Event Records in project file.

Analytical results are preliminary; data has not been reviewed for QA/QC.

PRELIMINARY DATA FOR METHOD TO-14 PARAMETERS
IP-CHAMPAIGN SITE

METHOD TO-14 PARAMETER	Adjusted RBC Screening Level (4 months)	Average Detected Conc.
Benzene	22	19.17
Toluene	42000	19.08
Ethylbenzene	100000	3.29
m,p-Xylene	31000	8.17
o-Xylene	73000	3.64
Dichloromethane	380	13.03
Dichlorodifluoromethane	21000	2.04
Chloromethane	99	0.64
Vinyl Chloride	2.1	0.64 *
Chloroethane	1000000	0.32 *
1,2-Dichloroethane	6.9	0.32 *
Bromomethane	520	0.71
Trichlorofluoromethane	73000	0.92
1,1-Dichloroethene	3.6	0.40
cis-1,2-Dichloroethene	3700	0.28 *
1,1-Dichloroethane	52000	0.37 *
1,2-Dichloropropane	9.2	0.37 *
Chloroform	7.8	0.39 *
1,1,2,2-Tetrachloroethane	3.1	0.35 *
1,1,1-Trichloroethane	100000	2.59
1,1,2-Trichlorocthane	11	0.34 *
cis-1,3-Dichloropropene	4.8	0.19 *
trans-1,3-Dichloropropene	4.8	0.28 *
Trichloroethene	1000	1.34
Tetrachloroethene	310	0.61
Carbon Tetrachloride	12	0.51 *
Ethylene Dibromide	0.810	0.62 *
1,3,5-Trimethylbenzene	18000	1.10
1,2,4-Trimethylbenzene	18000	3.07
1,3-Dichlorobenzene	32000	1.76
1,4-Dichlorobenzene	26	1.58
1,2-Dichlorobenzene	15000	0.61
1,2,4-Trichlorobenzene	21000	1.93
Hexachloro-1,3-butadiene	NA	0.75

RBC - Risk-based concentration (USEPA, 1997).
Concentrations presented in ug/m^3.
NA = Not available.
* = Analyte not detected; 1/2 SQL presented.

ANALYTICAL DATA - 10/97 TO 12/97

CHAMPAIGN SITE

METHOD TO-14 PARAMETER	MDL	EVENT R1 10/15/97-10/16/97						EVENT R2 10/16/97-10/17/97						EVENT R1 10/22/97-10/23/97						EVENT R2 10/30/97-10/31/97					
		Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6
Benzene	0.17	0.29	30.02	2.55	150.09	38.32	3.51	1.15	9.65	0.96	0.93	17.59	1.15	1.41	8.19	2.11	1.89	8.94	5.11	0.29	0.29	0.29	0.29	0.29	0.29
Toluene	0.13	2.64	9.95	0.26	9.26	8.97	6.05	1.24	1.64	1.32	1.32	1.28	1.47	4.14	2.68	1.92	2.07	1.58	2.68	1.52	1.66	1.58	1.36	1.51	1.32
Ethylbenzene	0.15	1.04	1.39	0.74	1.48	0.85	0.91	0.35	0.35	0.35	0.66	0.35	0.66	0.35	0.82	0.35	0.35	0.35	0.35	0.66	0.66	0.66	0.66	0.66	0.66
m,p-Xylene	0.27	2.82	3.91	2.17	1.65	1.22	2.39	0.69	0.95	0.65	1.52	1.00	1.13	0.61	2.17	0.61	0.61	0.61	1.25	0.61	0.61	0.61	0.61	0.61	0.61
o-Xylene	0.13	1.26	1.76	0.45	0.58	0.43	0.50	0.30	0.30	0.30	0.46	0.30	0.46	0.30	1.45	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Dichloromethane	0.28	1.11	1.63	1.55	9.48	1.11	3.82	0.45	0.45	0.45	0.38	0.55	0.28	4.66	4.61	2.80	0.97	4.51	0.45	7.64	8.95	8.58	7.29	8.18	8.03
Dichlorodifluoromethane	0.45	2.47	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.33	1.14	1.33	2.22	2.57	2.62	1.14	1.14	3.18	1.14	1.14	1.14	1.14	1.14	1.14
Chloromethane	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	1.94	0.58	0.58	0.58	0.58	0.58	0.58
Vinyl Chloride	0.5	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
Chloroethane	0.23	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.29	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
1,2-Dichloroethane	0.15	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Bromomethane	0.38	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Trichlorofluoromethane	0.14	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	1.24	0.62	0.79	0.18	1.12	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
1,1-Dichloroethene	0.19	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.79	0.79	5.15	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
cis-1,2-Dichloroethene	0.14	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
1,1-Dichloroethane	0.17	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
1,2-Dichloropropane	0.15	0.92	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
Chloroform	0.15	2.93	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
1,1,2,2-Tetrachloroethane	0.1	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.75	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
1,1,1-Trichloroethane	0.14	1.47	9.62	2.02	0.38	0.38	1.47	0.38	0.76	0.38	1.15	0.38	76.56	26.18	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
1,1,2-Trichloroethane	0.12	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
cis-1,3-Dichloropropene	0.14	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
trans-1,3-Dichloropropene	0.11	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Trichloroethene	0.13	8.60	0.69	0.38	0.38	0.38	8.60	0.38	0.38	16.65	10.74	0.38	0.38	1.40	0.38	0.38	0.38	3.76	0.38	0.38	0.38	0.38	0.38	0.38	0.38
Tetrachloroethene	0.15	1.36	0.75	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.81	0.54	1.36	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
Carbon Tetrachloride	0.16	1.26	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.82	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Ethylene Dibromide	0.18	1.31	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	1.00	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
1,3,5-Trimethylbenzene	0.11	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.34	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
1,2,4-Trimethylbenzene	0.11	1.47	1.57	0.29	0.68	0.29	0.64	0.29	0.69	0.29	0.29	0.64	0.79	0.29	1.57	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
1,3-Dichlorobenzene	0.66	0.66	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	1.02	0.66	0.48	0.18	0.18	0.18	0.18	0.18	0.18	0.18	1.20	0.18	0.18	98.18	0.78
1,4-Dichlorobenzene	0.12	1.08	0.66	0.90	1.38	0.36	0.36	0.36	0.66	0.66	1.14	0.84	0.72	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.90	0.84	0.72	0.66	0.36
1,2-Dichlorobenzene	0.11	1.02	0.84	0.84	1.26	0.36	0.36	0.36	0.36	0.66	1.02	0.78	0.58	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.90	0.84	0.72	0.66	0.36
1,2,4-Trichlorobenzene	0.28	1.69	1.41	2.80	11.57	1.04	1.04	1.04	1.04	2.15	11.57	3.19	3.04	1.05	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
Hexachloro-1,3-butadiene	0.14	2.13	1.71	0.98	0.85	0.75	0.75	0.75	0.75	0.75	1.81	1.28	2.03	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75

ANALYTICAL DATA - 10/97 TO 12/97

CHAMPAIGN SITE

METHOD TO-14	EVENT R3 11/3/97-11/4/97						EVENT R4 11/6/97-11/7/97						EVENT R5 11/11/97-11/12/97						EVENT R6 11/17/97-11/18/97					
PARAMETER	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6
Benzene	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	41.91	0.73	1.53	3.61	70.25	63.67
Toluene	0.72	0.68	0.26	0.49	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.68	60.26	1.85	5.63	8.40	79.10	88.63
Ethylbenzene	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	[illegible]											
m,p-Xylene	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	24.74	0.61	2.13	2.65	28.21	27.78
o-Xylene	0.30	0.95	0.30	0.61	0.74	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	10.42	0.30	0.76	0.30	12.15	10.85
Dichloromethane	5.90	5.33	4.61	3.37	1.67	1.61	2.01	2.12	1.42	1.63	2.12	2.05	1.94	2.71	1.94	1.68	1.53	4.17	6.25	3.28	2.64	1.22	0.45	53.34
Dichlorodifluoromethane	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
Chloromethane	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
Vinyl Chloride	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
Chloroethane	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	NS	NS	NS	NS	NS	NS
1,2-Dichloroethane	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Bromomethane	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Trichlorofluoromethane	0.39	0.39	0.89	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.89	0.39	0.39	0.39	1.24	0.39	1.29	1.35	1.95	1.46
1,1-Dichloroethene	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
cis-1,2-Dichloroethene	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
1,1-Dichloroethane	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
1,2-Dichloropropane	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
Chloroform	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
1,1,2,2-Tetrachloroethene	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
1,1,1-Trichloroethane	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
1,1,2-Trichloroethane	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
cis-1,3-Dichloropropene	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
trans-1,3-Dichloropropene	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Trichloroethene	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	29.01	0.38	0.38
Tetrachloroethene	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
Carbon Tetrachloride	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Ethylene Dibromide	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
1,3,5-Trimethylbenzene	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	2.56	3.44
1,2,4-Trimethylbenzene	0.54	0.84	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	8.34	0.59	1.28	1.77	6.84	11.80
1,3-Dichlorobenzene	1.08	1.08	0.15	1.02	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	1.08	1.14	0.15	1.14	0.96	0.60	0.84
1,4-Dichlorobenzene	1.80	1.74	1.68	1.92	0.36	0.36	0.36	0.36	0.36	0.36	0.72	0.36	0.36	0.36	0.36	0.36	0.72	1.32	1.56	0.36	1.56	1.38	1.26	1.38
1,2-Dichlorobenzene	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	1.20	0.36	1.14	0.96	0.90	1.14
1,2,4-Trichlorobenzene	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	5.56	1.04	5.12	4.53	4.45	4.90
Hexachloro-1,3-butadiene	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.78	0.78	0.75	0.75	0.75	0.75

ANALYTICAL DATA - 10/97 TO 12/97

CHAMPAIGN SITE

METHOD TO-14	EVENT R7						EVENT R8						EVENT R9						EVENT R10					
	11/20/97-11/21/97						11/24/97-11/25/97						12/1/97-12/2/97						12/8/97-12/9/97					
PARAMETER	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6
Benzene	15.01	5.11	1.79	1.34	54.29	47.90	89.41	5.76	2.17	16.92	47.90	51.09	12.77	4.47	2.49	44.71	8.39	6.07	13.09	14.37	1.50	6.39	7.66	16.62
Toluene	60.26	18.46	11.58	5.65	57.60	57.60	139.4	23.73	7.53	21.47	97.93	79.10	27.67	7.16	3.16	56.50	9.79	9.42	20.34	18.63	2.41	9.79	9.92	25.61
Ethylbenzene	16.06	3.62	1.39	0.87	10.42	9.98	25.87	1.91	0.65	3.92	16.78	14.34	3.84	1.06	0.00	9.43	1.17	1.06	3.78	3.48	0.00	1.17	0.00	3.78
m,p-Xylene	38.19	5.21	4.34	3.04	23.04	22.13	80.76	5.21	1.61	8.68	43.40	38.19	10.42	3.65	0.61	25.17	3.47	4.12	8.68	7.36	1.17	4.77	0.61	13.89
o-Xylene	18.69	4.34	1.39	1.00	10.42	17.79	25.61	2.04	0.61	3.65	20.40	18.23	4.77	1.52	0.30	11.28	1.58	1.74	3.58	3.17	0.30	1.87	0.30	6.08
Dichloromethane	0.45	0.45	0.45	0.97	0.45	0.45	16.67	41.67	2.36	0.45	128.5	2.85	107.7	9.03	5.21	8.33	7.69	5.90	2.29	2.74	2.12	4.51	2.54	1.18
Dichlorodifluoromethane	1.14	2.87	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	11.68	2.42	4.55	2.42	2.52	2.87	2.57	2.82	2.77	2.82	2.72	2.87	2.57	2.57
Chloromethane	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	1.32	0.53	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
Vinyl Chloride	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
Chloroethane	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
1,2-Dichloroethane	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Bromoethene	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Trichlorofluoromethane	2.36	1.63	1.46	1.85	1.40	1.46	2.92	0.39	1.46	1.52	4.10	1.01	0.84	0.39	0.39	0.39	0.39	0.39	0.39	1.07	1.07	0.39	0.39	1.07
1,1-Dichloroethene	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.75
cis-1,2-Dichloroethene	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.65
1,1-Dichloroethane	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.69
1,2-Dichloropropane	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.69
Chloroform	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.73
1,1,2,2-Tetrachloroethane	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.69
1,1,1-Trichloroethane	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	2.69	9.82	5.96	0.38	0.38	2.66	0.38	0.38	0.38	0.38	0.38	0.76
1,1,2-Trichloroethane	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.65
cis-1,3-Dichloropropene	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.64
trans-1,3-Dichloropropene	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.60
Trichloroethene	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	5.60	1.24	0.38	0.38	0.38	5.60	0.38	0.38	0.38	0.38	0.38	0.70
Tetrachloroethene	0.54	0.54	0.54	0.54	0.54	4.61	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	1.02
Carbon Tetrachloride	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.94
Ethylene Dibromide	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	1.15
1,3,5-Trimethylbenzene	4.91	0.79	0.64	0.54	2.70	12.78	5.90	0.29	0.29	1.03	3.93	3.14	0.59	0.59	0.29	0.29	0.59	0.29	0.29	0.59	0.29	0.29	0.29	1.18
1,2,4-Trimethylbenzene	19.16	2.60	2.09	1.72	9.83	8.85	23.59	0.79	0.79	3.43	14.74	11.79	1.77	1.52	0.29	0.54	2.56	1.18	1.87	2.36	0.29	1.23	0.29	4.23
1,3-Dichlorobenzene	1.36	1.25	1.32	1.20	1.14	1.20	1.08	1.02	0.96	0.96	1.20	0.96	1.08	0.78	0.18	0.18	0.18	0.72	0.54	0.60	0.54	0.54	0.96	0.72
1,4-Dichlorobenzene	11.42	13.62	2.04	1.56	2.22	27.65	1.50	1.50	1.38	1.32	4.03	5.61	1.74	0.84	0.72	0.78	0.78	0.36	0.72	0.36	0.36	0.36	0.90	0.78
1,2-Dichlorobenzene	1.38	1.26	1.26	1.26	1.20	1.14	1.38	1.56	1.02	0.96	1.62	0.36	1.74	0.72	0.36	0.63	0.72	0.36	0.36	0.36	0.36	0.36	0.78	0.72
1,2,4-Trichlorobenzene	5.75	5.19	5.71	5.34	5.64	5.19	5.64	5.27	4.60	4.23	4.75	1.04	3.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
Hexachloro-1,3-butadiene	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75

ANALYTICAL DATA - 10/97 TO 12/97

CHAMPAIGN SITE

METHOD TO-14 PARAMETER	EVENT R11 12/11/97-12/12/97						EVENT R12 12/16/97-12/16/97						EVENT R13 12/18/97-12/19/97						AVERAGE (Events R1-R13)
	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	Sta. 1	Sta. 2	Sta. 3	Sta. 4	Sta. 5	Sta. 6	
Benzene	88.41	98.99	61.09	27.78	18.61	5.76	214.0	7.03	19.48	4.15	15.01	7.34	12.45	3.83	2.90	4.15	108.57	121.3	19.17
Toluene	6.40	22.22	58.50	28.25	4.52	5.85	15.82	4.90	10.82	6.78	15.07	4.14	8.03	4.90	4.52	6.27	105.49	118.8	19.08
Ethylbenzene	0.65	2.85	6.08	3.21	0.35	0.35	0.99	0.87	1.30	0.52	1.28	0.53	0.52	0.35	0.43	0.78	0.87	0.87	---
m,p-Xylene	2.17	9.98	25.61	13.89	0.61	2.34	8.68	2.00	6.61	3.84	6.06	0.61	1.78	1.95	1.95	2.69	47.74	52.08	8.17
o-Xylene	0.91	4.30	10.42	5.64	0.30	1.04	3.68	0.74	1.91	1.39	2.52	0.30	0.74	0.69	0.65	1.13	19.53	20.40	3.84
Dichloromethane	2.12	1.11	15.63	5.56	2.40	3.26	2.85	1.74	5.86	5.21	282.0	3.23	1.42	1.77	1.91	2.29	2.26	2.64	13.03
Dichlorodifluoromethane	2.82	2.82	2.92	2.72	2.92	3.16	2.77	2.72	3.14	3.68	3.02	2.97	2.92	3.11	3.02	3.02	2.82	2.87	2.04
Chloromethane	0.58	1.35	0.55	1.26	0.58	0.56	0.55	1.40	0.53	0.68	0.58	0.56	1.22	0.53	0.58	0.58	0.58	1.26	0.84
Vinyl Chloride	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
Chloroethane	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
1,2-Dichloroethane	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Bromomethane	0.70	0.70	0.70	0.70	0.70	1.71	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.71
Trichlorofluoromethane	0.39	1.18	0.39	0.79	0.84	0.39	1.18	0.90	0.95	0.90	1.63	0.90	1.40	0.90	0.90	2.47	0.84	0.90	0.92
1,1-Dichloroethene	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
cis-1,2-Dichloroethene	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
1,1-Dichloroethane	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.37
1,2-Dichloropropane	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
Chloroform	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
1,1,2,2-Tetrachloroethane	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.35
1,1,1-Trichloroethane	1.36	0.78	1.53	109.1	1.36	1.85	1.47	1.58	2.07	2.62	1.80	1.36	0.87	1.47	0.82	3.27	0.93	0.78	2.59
1,1,2-Trichloroethane	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.65	0.33	0.33	0.33	0.34
cis-1,3-Dichloropropene	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.64	0.18	0.18	0.18	0.19
trans-1,3-Dichloropropene	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.50	0.27	0.27	0.27	0.28
Trichloroethene	0.36	0.36	8.03	0.36	3.57	0.36	0.36	5.37	1.34	0.36	8.08	2.85	0.36	0.36	2.63	0.36	0.36	0.36	1.34
Tetrachloroethene	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	1.29	0.54	0.54	0.54	0.54	0.54	0.61
Carbon Tetrachloride	0.50	0.50	0.52	0.50	0.53	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51
Ethylene Dibromide	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	2.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.62
1,3,5-Trimethylbenzene	0.29	4.08	2.11	0.29	1.42	1.38	1.58	0.29	1.72	0.54	1.18	0.29	1.33	0.29	0.29	0.59	4.42	4.52	1.10
1,2,4-Trimethylbenzene	0.98	3.19	7.88	5.90	0.54	1.08	4.32	1.08	4.67	1.67	2.68	0.29	1.13	0.98	1.03	1.62	15.23	16.23	3.07
1,3-Dichlorobenzene	0.38	0.54	0.18	0.54	0.18	0.42	0.42	0.36	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	1.76
1,4-Dichlorobenzene	0.38	0.36	0.36	0.90	0.36	1.92	0.72	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	1.68
1,2-Dichlorobenzene	0.38	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.61
1,2,4-Trichlorobenzene	1.04	1.04	1.04	2.62	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.53
Hexachloro-1,3-butadiene	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75

Note: All results reported in micrograms per cubic meter (ug/m3).

B1 - Background event and number.
R1 - Remediation event and number.
NS- Not sampled
Sta. - Sampling Station. See site sketch in Ambient Air Monitoring Event Records in project file.

Analytical results are preliminary; data have not been validated.