210686

SAMPLING TRIP REPORT

SITE NAME: Cornell Dubilier Electronics
South Plainfield, New Jersey

DCN #: START-02-F-00247
TDD #: 02-96-04-0003
PCS #: 1305

SAMPLING DATE: April 23, 1996

1. **Site Location:** 333 Hamilton Avenue
South Plainfield, New Jersey

2. **Sample Locations:** Refer to Table 1

3. **Sample Designations and Locations:**
Polychlorinatedbiphenyls: Refer to Table 2
Elements: Refer to Table 3

4. **Laboratory Receiving Samples:**

Ecology and Environment Laboratories
4493 Walden Avenue
Lancaster, New York 14086

5. **Sample Dispatch Data:**

The following samples were shipped by Region II START personnel via Federal Express to Ecology and Environment Laboratories, Inc. on April 23, 1996 at approximately 1900 hours for analyses for Polychlorinatedbiphenyls (PCBs) using NIOSH Method 5503, or for lead, silver, cadmium, and arsenic using NIOSH method 7300 (Elements).

6. **On-site Personnel:**

Name	Affiliation	Duties On Site
Joseph Price	Region II START	Project Manager, sampler
Randy Kommsi	Region II START	QA/QC, sampler
Robert Montgomery	Region II EPA	On-Scene Coordinator

7. Weather Conditions:

Clear skies, with a temperature ranging from an approximate 65-70°F. Winds were calm and ranged from 5 to 15 mph. Low humidity.

8. Additional Comments:

As directed in NIOSH method 7300 (Elements), samples analyzed for silver, cadmium, lead, and arsenic were collected using a 37 mm diameter, 8 micron (8 μm) mixed cellulose ester filter (MCEF). Sample collection was performed at a calibrated flow rate of 3 liters/minute (L/m) for a sample period of 300 minutes which provided each sample with a calculated sample volume of 900 liters of air.

As directed in NIOSH method 5503 (Polychlorinatedbiphenyls), samples were collected for PCB analysis using a 13 mm glass fiber filter cassette in line with a 150 mg florisil sorbent tube. Sample collection was performed at a calibrated flow rate of 0.1 liters/minute (L/m) for a sample period of 300 minutes which provided each sample with a calculated sample volume of 30 liters of air.

Air sampling for PCBs and Elements was conducted in a side by side manner with both media positioned for collection along the fence perimeter of the Mr. Pepe's Driving school. An upwind or background sample was collected approximately 80 feet north of the property fenceline.

No problems were experienced during the sampling event. No deviations from the NIOSH methods referenced were performed.

Verbal analytical results are expected to be available within 3 business days following sample delivery and will be provided to the EPA On Scene Coordinator on Monday 29 April 1996. Preliminary draft results are attached in Appendix C of this report.

Locations were chosen on the basis of collecting 2 cross wind samples, 1 downwind sample, and 1 upwind sample from the site.

Table 1 illustrates the locations of the sample locations for both PCBs and elements.

TABLE 1

SAMPLING LOCATIONS

SAMPLING STATION	LOCATION	COMMENT
Station 1	Western Fenceline Perimeter	Cross Wind Sample
Station 2	Southern Fenceline Perimeter	Downwind Sample
Station 3	Eastern Fenceline Perimeter	Cross Wind Sample
Station 4	Background	80' Across From Fenceline Perimeter

TABLE 2.
SAMPLE DESIGNATIONS AND LOCATIONS, POLYCHLORINATEDBIPHENYLS

Sample Number	Location
STN1-PCB	Station 1
STN2-PCB	Station 2
STN3-PCB	Station 3
STN4-PCB	Station 4
LB-PCB (A.B,C)	3 Lot Blanks
Blind PCB (A,B,C)	3 Blind Spike Blanks
ANAL-PCB (A,B,C)	3 Analytical Spike Blanks
DE-PCB (A-O)	15 Laboratory Desorbtion Efficiency Blanks

TABLE 3.
SAMPLE DESIGNATIONS AND LOCATIONS, ELEMENTS

Sample Number	Location
STN1-Pb	Station 1
STN2-Pb	Station 2
STN3-Pb	Station 3
STN4-Pb	Station 4
MCEF-SA	MCEF Lot spike blank - A
MCEF-SB	MCEF Lot spike blank - B
MCEF-LA	MCEF Lot blank - A
MCEF-LB	MCEF Lot blank - B
MCEF-FA	MCEF Field blank A
MCEF-FB	MCEF Field blank B

9. **Report prepared by:** _____ **Date:** 4/30/96

10. **Report approved by:** Thomas Odell **Date:** 4/30/96

APPENDIX A

CHAIN OF CUSTODY RECORDS

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL PROTECTION AGENCY — REGION II
Environmental Services Division
EDISON, NEW JERSEY 08817

Name of Unit and Address: [illegible] NIH # 1316
1090 [illegible] Road
[illegible] Edison NJ 08837 (908) 225-6116

Sample Number	Number of Containers	Description of Samples
		* ALL SAMPLE SECTIONS FOR ANALYSIS PER NIOSH 5503
		** SAMPLES ENTAIL BOTH A FLORISIL TUBE + A 13mm GLASS FIBER FILTER
ALB-CB (A,B,C)	3 sets	3 LET BLANKS - NIOSH 5503 Volume = 0 SEE LOT 377 FLORISIL TUBES/FILTER LOT - SEE 1444
BLANK CB (A,B,C)	3 sets	3 BLANK SAMPLES - NIOSH 5503 Volume = 0
ANAL PCB (A,B,C)	3 sets	3 ANALYTICAL SAMPLES - NIOSH 5503 Volume = 0
DE-PCB (A-O)	15	15 DESORPTION EFFICIENCY Samples - NIOSH 5503 Volume = 0
STN1-PCB	1	STATION 1 PCB Vol = 30 ℓ
STN2-PCB	1	STATION 2 PCB Vol = 30 ℓ
STN3 PCB	1	STATION 3 PCB Vol = 30 ℓ
STN4-PCB	1	STATION 4 PCB Vol = 30 ℓ

Person Assuming Responsibility for Sample:	Time	Date
[signature]	[illegible]	[illegible]

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
HIL	[signature]				
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

Page No.

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL PROTECTION AGENCY — REGION II
Environmental Services Division
EDISON, NEW JERSEY 08817

Name of Unit and Address: [illegible] NEF [illegible]
[illegible] Road
[illegible] EDISON NJ 08837 (908) 225-6116

Sample Number	Number of Containers	Description of Samples
NEF-SA	1	[illegible] 7300-LOT SPIKE A VOLUME = 0 liters ~~[illegible]~~ (I)
NEF-SB	1	[illegible] 7300-LOT SPIKE 3 GILIAN FILTER LOT 922I229
NEF-LA	1	[illegible] 7300-LOT BLANK A
NEF-LB	1	[illegible] 7300-LOT BLANK B
NEF-FA	1	[illegible] 7300-Field Blank A
NEF-FB	1	[illegible] 7300-Field Blank B VOLUME = 0 liters
STA1-NE	1	STATION 1 - NEEF VOLUME = 900 l
STA2-NE	1	STATION 2 - NEEF VOLUME = 900 l
STA3-NE	1	STATION 3 - NEEF VOLUME = 900 l
STA4-NE	1	STATION 4 - NEEF VOLUME = 900 l

Person Assuming Responsibility for Sample:	Time	Date
[illegible]	[illegible]	[illegible]

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
ALL	[illegible]				

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

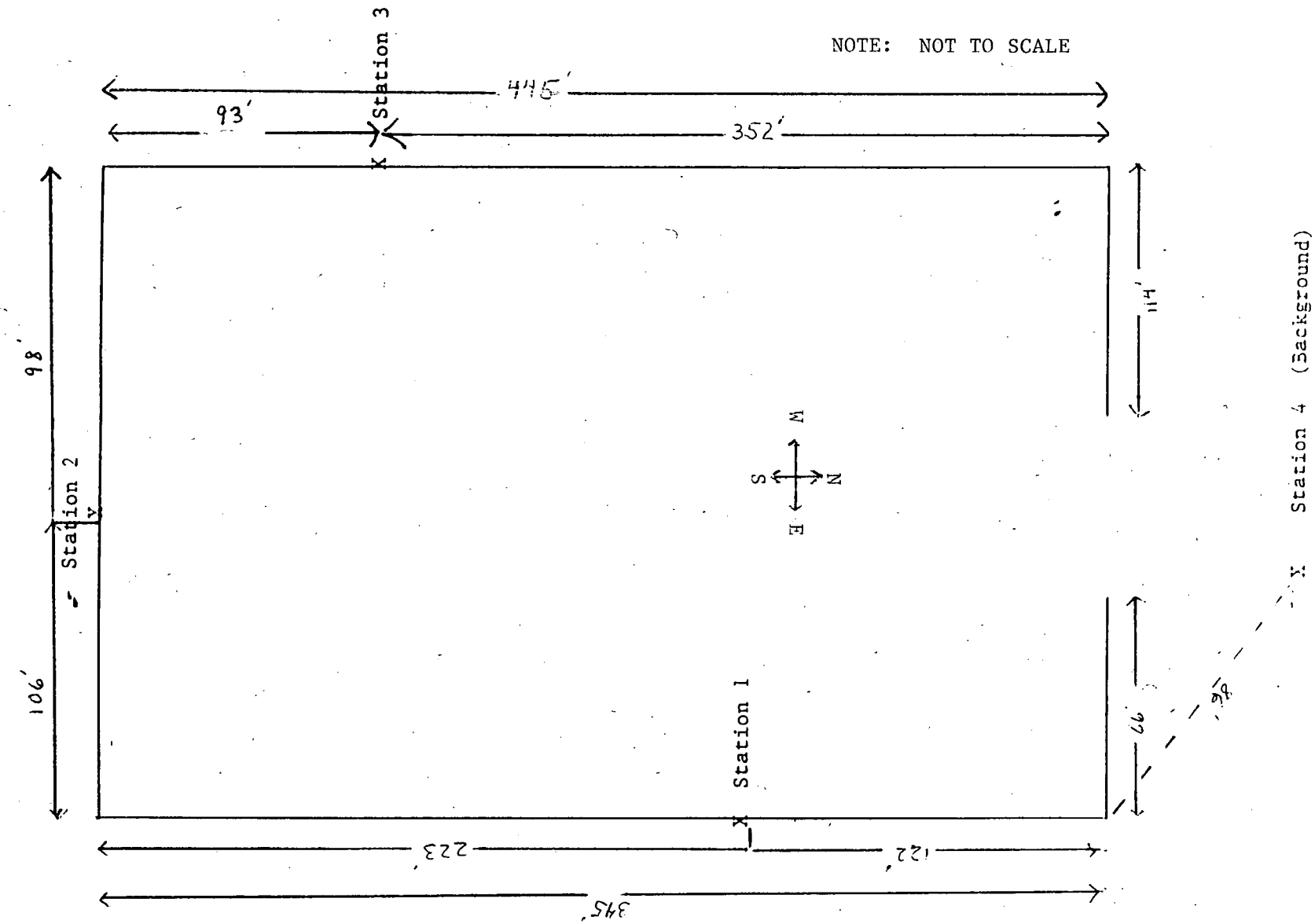
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

Page No.

APPENDIX B

SAMPLE LOCATION MAP



WESTON MANAGERS DESIGNERS/CONSULTANTS Roy F. Weston, Inc. FEDERAL PROGRAMS DIVISION IN ASSOCIATION WITH RESOURCE APPLICATION, Inc. C.C. JOHNSON & MALHOTRA, P.C., R.E. SARRIERA ASSOCIATES, PRC ENVIRONMENTAL MANAGEMENT, AND GRB ENVIRONMENTAL SERVICES, INC.	EPA PM N. Magriples START PM J. Price	Sample Location Map Cornell Dubilier Site

SAMPLING TRIP REPORT

SITE NAME: Cornell Dubilier Electronics
South Plainfield, New Jersey

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STN4-Pb	Station 4
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MCEF-SB	MCEF Lot spike blank - B
MCEF-LA	MCEF Lot blank - A
MCEF-LB	MCEF Lot blank - B
MCEF-FA	MCEF Field blank A
MCEF-FB	MCEF Field blank B

9. **Report prepared by:** _____ **Date:** 4/30/96

10. **Report approved by:** Thomas O'Neill **Date:** 4/30/96

APPENDIX A

CHAIN OF CUSTODY RECORDS

APPENDIX B

SAMPLE LOCATION MAP

APPENDIX C

PRELIMINARY DRAFT RESULTS

APPENDIX A

CHAIN OF CUSTODY RECORDS

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL PROTECTION AGENCY — REGION II
Environmental Services Division
EDISON, NEW JERSEY, 08817

Name of Unit and Address: [illegible]

Sample Number	Number of Containers	Description of Samples
[illegible]	[illegible]	[illegible]

Person Assuming Responsibility for Sample: [illegible] Time: [illegible] Date: 11/23/[illegible]

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
[illegible]	[illegible]				
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

Page No.

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL PROTECTION AGENCY — REGION II

Environmental Services Division

EDISON, NEW JERSEY 08817

Name of Unit and Address: [illegible] REPA [illegible]

[illegible] (908) 225-[illegible]

Sample Number	Number of Containers	Description of Samples
		ALL SAMPLES [illegible] GLASS [illegible]
PCB-[illegible] (A-D)	3	3 BLOCKS NIOSH 5503 Volume = 0
		3 BLOCKS 377 Hovsil 2067 [illegible] 1992
BLANKS (A-D)		3 BLANK SWIPES NIOSH 5503 Volume = 0
DUPL PCB (A-D)	3	3 DUPLICATE SWIPES NIOSH 5503 Volume = 0
DE-PCB (A-D)	15	15 DESCRIPTION [illegible] SAMPLES NIOSH 5503 Volume = 0
STN1-PCB	1	STATION 1 PCB Vol = 30 l
STN2-PCB	1	STATION 2 PCB Vol = 30 l
STN3-PCB	1	STATION 3 PCB Vol = 30 l
STN4-PCB	1	STATION 4 PCB Vol = 30 l

Person Assuming Responsibility for Samples: [signature] Time: 5:30 pm Date: 4/23/90

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody
ALL	[signature]				

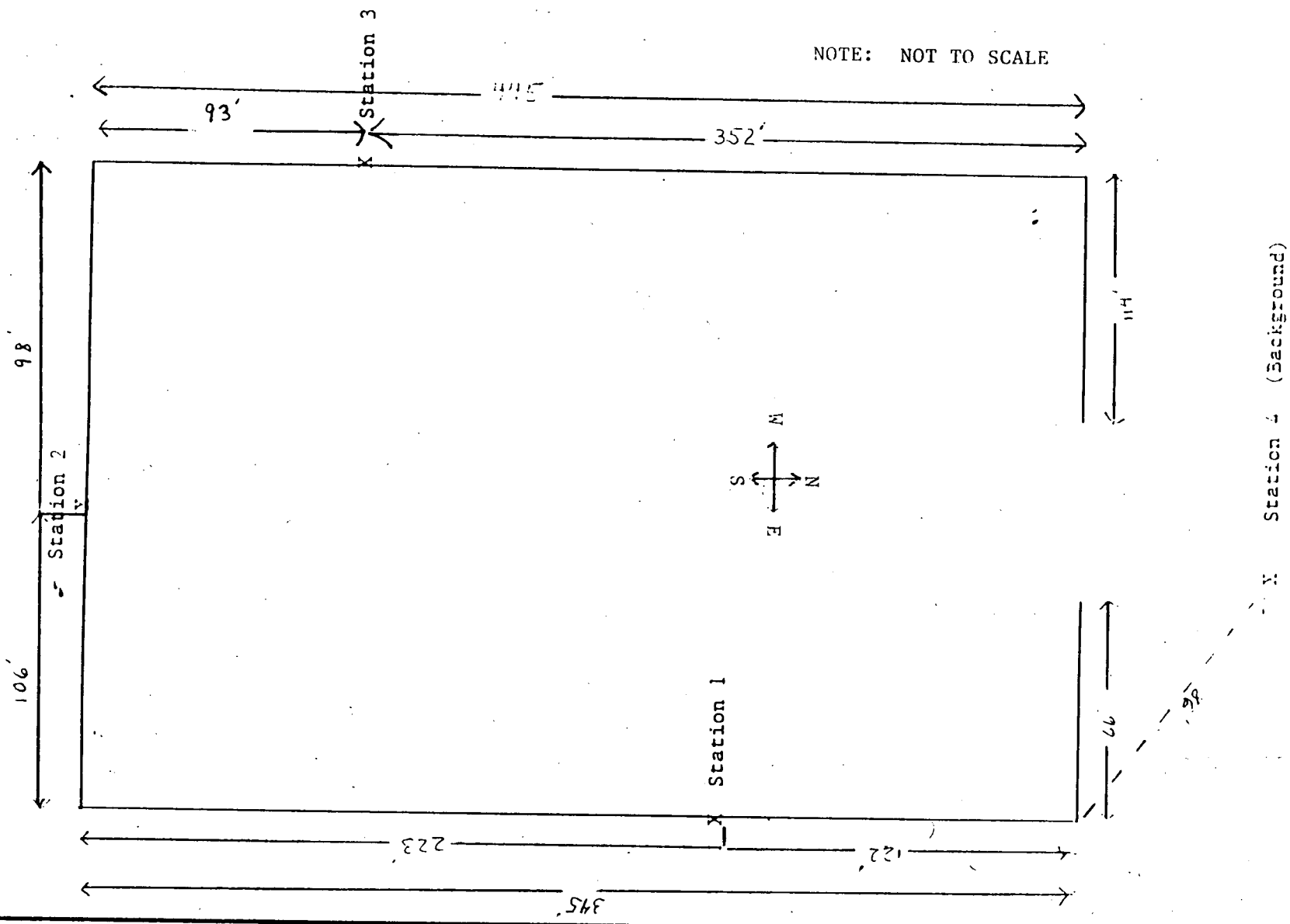
Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

Sample Number	Relinquished By:	Received By:	Time	Date	Reason for Change of Custody

APPENDIX B

SAMPLE LOCATION MAP



WESTON MANAGERS DESIGNERS/CONSULTANTS Roy F. Weston, Inc. FEDERAL PROGRAMS DIVISION IN ASSOCIATION WITH RESOURCE APPLICATION, Inc. C.C. JOHNSON & MALHOTRA, P.C., R.E. SARRIERA ASSOCIATES, PRC ENVIRONMENTAL MANAGEMENT, AND GRB ENVIRONMENTAL SERVICES, INC.	EPA PM N. Magriples START PM J. Price	Sample Location Map Cornell Dubilier Site

APPENDIX C

PRELIMINARY DRAFT RESULTS

ecology and environment, inc.

International Specialists in the Environment

ANALYTICAL SERVICES CENTER
4493 Walden Avenue • Lancaster, New York 14086
Telephone: 716/686-8080 • Fax: 716/686-0852

Our pledge is to provide the highest quality analytical res in a timely, efficient, and economical manner.

TELECOPIER TRANSMISSION FORM

Date: 4/29/96	Time: 4:20 pm
Project Number:	Total Number of Pages (Including Transmission Form): 14
To: Smita Sumbaly	
Company: Roy F. Weston	
Telecopier Phone: 908-225-7037	
From: Tony Bogdlin TB	
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Full Service Capability

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- Immunoassay
- Nitroaromatics (Explosives); Chemical Agen
- NPDES/SPDES
- Soil Gas Screening (Field or Laboratory)
- TCLP
- TPH - BMTX

Analytical Services...
Ecology and Environment, Inc., Analytical Services Center, P.O. Box D, Buffalo, NY 14225. (716) 631-0360

DRAFT RESULTS *

Results of AIR Analysis for Polychlorinated Biphenyls Method NIOSH 5503

TEST CODE: APCB

ALL LESS THAN QUANTITATION LIMIT UNLESS NOTED ng/Tube JOB: 9600,789

(all results in ~~ug/m³~~) 4/29

Compound	Quant. Limit	E&E Lab. No. 92-	43062	43063	43064	43065	43066
		Sample Identity	Blind-PCB-A	Blind-PCB-B	Blind-PCB-C	LB-PCB-A	LB-PCB-B
		Date of Analysis	4/26/96	4/26/96	4/26/96	4/26/96	4/26/96
PCB-1242	4.1		ND	ND	ND	ND	ND
PCB-1254							
PCB-1221							
PCB-1232							
PCB-1248							
PCB-1260							
PCB-1016							

P = Present below quantitation limit
X = Exceeds calibration limit

ND = Not detected

* THESE RESULTS ARE BELIEVED TO BE ACCURATE. THEY HAVE NOT UNDERGONE FINAL REVIEW. USE CAUTION WHEN USING THIS DATA.

Analytical Services...
Ecology and Environment, Inc., Analytical Services Center, P.O. Box D, Buffalo, NY 14225, (716) 631-0360

DRAFT RESULTS *

Results of ATR Analysis for Polychlorinated Biphenyls Method NIOSH 5503

TEST CODE: APCB

ALL LESS THAN QUANTITATION LIMIT UNLESS NOTED ng/Tube JOB: 5600.785

(all results in ~~ug/m³~~)

Compound	Quant. Limit	E&E Lab. No. 92-	43067				
		Sample Identity	LB-PCB-C				
		Date of Analysis	4/26/96				
PCB-1242	0.10		ND				
PCB-1254							
PCB-1221							
PCB-1232							
PCB-1248							
PCB-1260							
PCB-1016							

B - Present below quantitation limit
X - Exceeds calibration limit

ND = not detected.

* THESE RESULTS ARE BELIEVED TO BE ACCURATE. THEY HAVE NOT UNDERGONE FINAL REVIEW. USE CAUTION WHEN USING THIS DATA.

Analytical Services...
Ecology and Environment, Inc., Analytical Services Center, P.O. Box D, Buffalo, NY 14225. (716) 631-0360

DRAFT RESULTS *

Results of AIR Analysis for Polychlorinated Biphenyls Method NIOSH 5503

TEST CODE: APCB

ALL LESS THAN QUANTITATION LIMIT UNLESS NOTED

JOB: 9600.789

(all results in ug/m^3)

		E&E Lab. No. 92-	43068	43069	43070	43071	
Sample			[illegible]	[illegible]	[illegible]	[illegible]	
PCB-1242	3.33		ND	ND	ND	ND	
PCB-1254							
PCB-1221							
PCB-1232							
PCB-1248							
[illegible]							

P = Present below quantitation limit
X = Exceeds calibration limit

ND- Not Detected

* THESE RESULTS ARE BELIEVED TO BE ACCURATE [illegible] UNDERGOING FINAL REVIEW.
USE CAUTION WHEN USING THIS DATA.

boilerplate GC.12

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

43049

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: _____

Lab Code: EANDE_ Case No.: 9600 789 SAS No.: _____ SDG No.: 43049_

Matrix (soil/water): AIR FILTER Lab Sample ID: 43049

Level (low/med): LOW__ Date Received: 04/24/96

% Solids: 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	20.4			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.56			P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	5.5			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.065	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: CL_____ Clarity After: C_____ Artifacts: _____

Comments:

CLIENT_SAMPLE_ID: MCEF-SA

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

43050

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: _____

Lab Code: EANDE_ Case No.: 9600.789 SAS No.: _____ SDG No.: 43049_

Matrix (soil/water): AIR FILTER Lab Sample ID: 43050

Level (low/med): LOW__ Date Received: 04/24/96

% Solids: 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	20.1			P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.55			P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	5.5			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.071	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: CL_____ Clarity After: C_____ Artifacts: _____

Comments:

CLIENT_SAMPLE_ID: MCEF-SB

U.S. EPA - CLP

[illegible] 1 [illegible]

[illegible] 13071

Lab Code: EANDE_ Case No.: 9600.789 SAS No.: _____ SDG No.: 43049_

Matrix (soil/water): AIR FILTER Lab Sample ID: 43051

Level (low/med): LOW__ Date Received: 04/24/96

% Solids: 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.037	U		P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.0070	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1.4			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.0094	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: CL_ Clarity After: C_____ Artifacts: _____

Comments:

CLIENT_SAMPLE_ID: MCEF-LA

FORM I IN ILM03.0

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

43052

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: _____

Lab Code: EANDE_ Case No.: 9600.789 SAS No.: _____ SDG No.: 43049_

Matrix (soil/water): AIR FILTER Lab Sample ID: 43052

Level (low/med): LOW__ Date Received: 04/24/96

% Solids: 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.037	U		P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.0070	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.78			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.0060	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: CL_____ Clarity After: C_____ Artifacts: _____

Comments:

CLIENT_SAMPLE_ID: MCEF-LB

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

43053

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: _____

Lab Code: EANDE_ Case No.: 9600.789 SAS No.: _____ SDG No.: 43049_

Matrix (soil/water): AIR FILTER Lab Sample ID: 43053

Level (low/med): LOW__ Date Received: 04/24/96

% Solids: 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.037	U		P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.0070	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.61			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.0060	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: CL_____ Clarity After: C_____ Artifacts: _____

Comments:

CLIENT_SAMPLE_ID: MCEF-FA

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

43054

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: _____

Lab Code: EANDE_ Case No.: 9600.789 SAS No.: _____ SDG No.: 43049

Matrix (soil/water): AIR FILTER Lab Sample ID: 43054

Level (low/med): LOW__ Date Received: 04/24/96

% Solids: 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.049	B		P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.0070	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.24			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.0060	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

CLIENT SAMPLE ID: MCEF-FB

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

43055

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: _____

Lab Code: EANDE_ Case No.: 9600.789 SAS No.: _____ SDG No.: 43049_

Matrix (soil/water): AIR FILTER Lab Sample ID: 43055

Level (low/med): LOW__ Date Received: 04/24/96

% Solids: 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.037	U		P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.024	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.96			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.0060	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: CL_____ Clarity After: C_____ Artifacts: _____

Comments:

CLIENT_SAMPLE_ID: STN1-PB

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

43056

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: _____

Lab Code: EANDE_ Case No.: 9600.789 SAS No.: _____ SDG No.: 43049_

Matrix (soil/water): AIR FILTER Lab Sample ID: 43056

Level (low/med): LOW__ Date Received: 04/24/96

% Solids: 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.037	U		P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.013	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	3.9			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.022	B		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: CL_____ Clarity After: C_____ Artifacts: _____

Comments:

CLIENT_SAMPLE_ID: STN2-PB

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

43058

Lab Name: ECOLOGY_AND ENVIRONMENT__ Contract: _____

Lab Code: EANDE_ Case No.: 9600.789 SAS No.: _____ SDG No.: 43049_

Matrix (soil/water): AIR FILTER Lab Sample ID: 43058

Level (low/med): LOW__ Date Received: 04/24/96

% Solids: 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.037	U		P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.018	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	8.0			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.0060	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: CL_____ Clarity After: C_____ Artifacts: _____

Comments:

CLIENT_SAMPLE_ID: STN1-PB

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

43057

Lab Name: ECOLOGY_AND_ENVIRONMENT__ Contract: _____

Lab Code: EANDE_ Case No.: 9600.789 SAS No.: _____ SDG No.: 43049_

Matrix (soil/water): AIR FILTER Lab Sample ID: 43057

Level (low/med): LOW__ Date Received: 04/24/96

% Solids: 100.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.037	U		P
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.0070	U		P
7440 70 2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2.2			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver	0.0060	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: CL_____ Clarity After: C_____ Artifacts: _____

Comments:

CLIENT_SAMPLE_ID: STN3-PB

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