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SDMS Document
109027

DATE: 30 May 1997

TO: Sella Burchette, U.S. EPA/ERTC Work Assignment Manager

THROUGH: Vinod Kansal, REAC Section Leader Vinod Kansal

FROM: Kenneth Robbins, REAC Task Leader Michael Morgante for K.R.

SUBJECT: DOCUMENT TRANSMITTAL UNDER WORK ASSIGNMENT 1-262

Attached please find the following document prepared under this work assignment:

FINAL REPORT
WIPE SAMPLING
CORNELLI DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
MAY 1997

cc: Central File - WA 1-262

262\del\fr\9705\fr1262

FINAL REPORT
WIPE SAMPLING
CORNELL DUBILIER ELECTRONICS
SOUTH PLAINFIELD, NJ
MAY 1997

U.S. EPA Work Assignment No.: 1-262
Weston Work Order No.: 03347-041-001-1262-01
U.S. EPA Contract No.: 68-C4-0022

Prepared by:

Roy F. Weston, Inc.

Michael Mozanti for KR. 5/30/97
Kenneth Robbins Date
Task Leader

5/30/97
Edward F. Gilardi Date
REAC Program Manager

Prepared for:

U.S. EPA/ERTC

Sella Burchette
Work Assignment Manager

262\del\fr\9705\fr1262

1.0 INTRODUCTION

1.1 Objective of this Study

The objective of this project was for the Response Engineering and Analytical Contract (REAC) to perform wipe sampling at the Cornell Dubilier site to determining the extent of contamination from polychlorinated biphenyls (PCBs), lead (Pb), and cadmium (Cd) in small businesses located in South Plainfield, NJ.

1.2 Site Background

The site consists of ten buildings on property formerly owned by Cornell Dubilier Electronics. The buildings are used as rental space for several small businesses. Prior investigations have identified PCB and metals contamination in surrounding soils.

2.0 METHODOLOGY

On 21 March 1997, REAC personnel, in the presence of the United States Environmental Protection Agency Environmental Response Team Center (U.S. EPA/ERTC), conducted wipe sampling at locations designated by the U.S. EPA/ERTC Work Assignment Manager. Twenty-seven sampling locations were chosen in twelve buildings. Two buildings were not sampled because there were no occupants present. Two wipe samples were collected from each designated location; one sample was collected for the determination of PCBs (Aroclor 1254 and Aroclor 1260), and the other for Pb and Cd analysis.

The samples were collected by wiping a moistened 3" by 3" cotton gauze pad over an area of 100 centimeters squared (cm^2) which was marked off by using disposable 10 cm by 10 cm dedicated template. The gauze pad used to sample for PCBs was moistened with pesticide grade hexane. The gauze pad used to sample for metals was moistened with deionized water. Copies of field data sheets and chain of custodies can be referenced in Appendix A.

3.0 RESULTS

Analytical results for PCBs can be found in Table 1. Analytical results for Pb and Cd can be found in Table 2. A copy of the analytical report can be referenced in Appendix B.

4.0 DISCUSSION OF RESULTS

4.1 PCBs

A total of 27 wipe samples were collected for PCB analysis during the sampling event on 21 March 1997. Aroclor 1254 was identified above the method detection limit (MDL) of 0.8 micrograms per 100 centimeters squared ($\mu g/100cm^2$) in 22 of the samples. Aroclor 1254 was found ranging in concentration from 1.5 $\mu g/100cm^2$ (Sample #08567, BLDG. 13 TABLE) to 500 $\mu g/100cm^2$ (Sample #08607, BLDG. 5 AC). Aroclor 1260 was identified above the MDL in 12 samples. Weathered Aroclor 1260 was found ranging in concentration from 0.9 $\mu g/100cm^2$ (Sample #08597, BLDG. 10 COMP) to 180 $\mu g/100cm^2$ (Sample #08607, BLDG. 5 AC). A complete listing of the analytical results for PCBs can be found in Table 1.

4.2 Metals

A total of 27 wipe samples were also collected for Pb and Cd analysis during the sampling event on 21 March 1997. The samples were analyzed first by Inductively Coupled Argon Plasma (ICAP) for Pb and Cd. Initial results for Pb were either very low or below the MDL of 1.0 $\mu g/100cm^2$. The samples were

re-analyzed by Atomic Absorption (AA) to obtain a lower MDL of 0.05 $\mu g/100cm^2$. Pb was detected in all the samples at concentrations that ranged from 0.67 $\mu g/100cm^2$ (Sample #08590, BLDG. 12 TABLE) to 780 $\mu g/100cm^2$ (Sample #08566, BLDG. 13 FLOOR). Cd was detected in 26 samples at concentrations that ranged from 0.09 $\mu g/100cm^2$ (Sample #08614, BLDG. 3 COUNTER) to 34 $\mu g/100cm^2$ (Sample #08608, BLDG. 5 AC). A complete listing of the analytical results for metals can be found in Table 2.

Table 1
PCB Results
Final Report
Cornell Dubilier Electronics
South Plainfield, NJ
May 1997

Sample Number	Sample Location	Aroclor 1254		Aroclor 1260	
		Concentration ($\mu g/100cm^2$)	MDL ($\mu g/100cm^2$)	Concentration ($\mu g/100cm^2$)	MDL ($\mu g/100cm^2$)
BLK 03249701	----	U	0.8	U	0.8
08561	BLDG. 6 SHELF	5.0	0.8	U	0.8
08563	BLDG. 6 TABLE	0.4 J	0.8	U	0.8
08565	BLDG. 13 FLOOR	7.3	0.8	U	0.8
08567	BLDG. 13 TABLE	1.5	0.8	U	0.8
08569	BLDG. 13 COUNTER	U	0.8	U	0.8
08571	BLDG. 18 OVEN	3.2	0.8	U	0.8
08573	BLDG. 18 BENCH	89	0.8	82W	0.8
08575	BLDG. 18 FLOOR	7.5	0.8	4.9W	0.8
08577	BLDG. 14 LOW CONTACT	6.4	0.8	U	0.8
08579	BLDG. 14 FLOOR	1.9	0.8	U	0.8
08581	BLDG. 14 DESK	U	0.8	U	0.8
08585	BLDG. 11 FLOOR	9.2	0.8	3.9W	0.8
08587	BLDG. 12 FLOOR	13	0.8	12W	0.8
08589	BLDG. 12 TABLE	U	0.8	U	0.8
08591	BLDG. 5a FLOOR	70	0.8	17	0.8
08593	BLDG. 5a OFFICE	2.0	0.8	U	0.8
08595	BLDG. 5a WORK	U	0.8	U	0.8
08597	BLDG. 10 COMP	2.0	0.8	0.9W	0.8
08599	BLDG. 9a FLOOR	16 W	0.8	U	0.8

$\mu g/100cm^2$ denotes micrograms per 100 cubic centimeters
U denotes not detected above the method detection limit (MDL).
W denotes weathered.

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Table 1 (Cont'd)
PCB Results
Final Results
Cornell Dubilier Electronics
South Plainfield, NJ
May 1997

Sample Number	Sample Location	Aroclor 1254		Aroclor 1260	
		Concentration ($\mu g/100cm^2$)	MDL ($\mu g/100cm^2$)	Concentration ($\mu g/100cm^2$)	MDL ($\mu g/100cm^2$)
08601	BLDG. 5a FLOOR	210	0.8	24W	0.8
08603	BLDG. 5 AISLE	62	0.8	5.9W	0.8
08605	BLDG. 5 WORK	9.9	0.8	1.1W	0.8
08607	BLDG. 5 AC	500	0.8	180W	0.8
08609	BLDG. 5 TABLE	350	0.8	21W	0.8
08611	BLDG. 2 FLOOR	4.6	0.8	U	0.8
08613	BLDG. 3 COUNTER	U	0.8	U	0.8
08615	BLDG. 3 FLOOR	8.6	0.8	4.7W	0.8
08619	FIELD BLANK	U	0.8	U	0.8

$\mu g/100cm^2$ denotes micrograms per 100 cubic centimeters
U denotes not detected above the method detection limit (MDL).
W denotes weathered.

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Table 2
Metals Results
Final Report
Cornell Dubilier Electronics
South Plainfield, NJ
May 1997

Sample Number	Sample Location	Cadmium		Lead		Method
		Concentration ($\mu g/100cm^2$)	MDL ($\mu g/100cm^2$)	Concentration ($\mu g/100cm^2$)	MDL ($\mu g/100cm^2$)	
	MEDIA BLANK 1	U	0.08	0.12	0.05	AA
	MEDIA BLANK 2	U	0.08	0.14	0.05	AA
8562	BLDG. 6 SHELF	0.83	0.08	14	1.0	ICAP
8564	BLDG. 6 TABLE	U	0.08	0.91	0.05	AA
8566	BLDG. 13 FLOOR	23	0.38	780	5.0	ICAP
8568	BLDG. 13 TABLE	3.3	0.08	160	1.0	ICAP
8570	BLDG. 13 COUNTER	0.10	0.08	1.4	0.05	AA
8572	BLDG. 18 OVEN	0.41	0.08	25	5.0	ICAP
8574	BLDG. 18 BENCH	6.3	0.08	450	1.0	ICAP
8576	BLDG. 18 FLOOR	5.9	0.38	320	5.0	ICAP
8578	BLDG. 14 LOW CONTACT	7.9	0.38	320	5.0	ICAP
8580	BLDG. 14 FLOOR	2.6	0.38	100	5.0	ICAP
8582	BLDG. 14 DESK	0.32	0.08	7.0	1.0	ICAP
8586	BLDG. 11 FLOOR	1.1	0.08	25	1.0	ICAP
8588	BLDG. 12 FLOOR	6.1	0.08	250	1.0	ICAP
8590	BLDG. 12 TABLE	0.14	0.08	0.67	0.05	AA
8592	BLDG. 5a FLOOR	4.2	0.08	75	1.0	ICAP
8594	BLDG. 5a OFFICE	0.16	0.08	4.1	0.05	AA

$\mu g/100cm^2$ denotes micrograms per 100 cubic centimeters
U denotes not detected above the method detection limit (MDL).
AA denotes Atomic Absorption
ICAP denotes Inductively Coupled Argon Plasma

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Table 2 (Cont'd)
Metals Results
Final Report
Cornell Dubilier Electronics
South Plainfield, NJ
May 1997

Sample Number	Sample Location	Cadmium		Lead		Method
		Concentration ($\mu g/100cm^2$)	MDL ($\mu g/100cm^2$)	Concentration ($\mu g/100cm^2$)	MDL ($\mu g/100cm^2$)	
8596	BLDG. 5a WORK	0.11	0.08	3.8	0.05	AA
8598	BLDG. 10 COMP	16	0.08	260	1.0	ICAP
8600	BLDG. 9a FLOOR	13	0.08	550	1.0	ICAP
8602	BLDG. 5 FLOOR	18	0.08	240	1.0	ICAP
8604	BLDG. 5 AISLE	12	0.08	86	1.0	ICAP
8606	BLDG. 5 WORK	1.8	0.08	40	1.0	ICAP
8608	BLDG. 5 AC	34	0.08	270	1.0	ICAP
8610	BLDG. 5 TABLE	4.4	0.08	28	1.0	ICAP
8612	BLDG. 2 FLOOR	3.6	0.08	260	1.0	ICAP
8614	BLDG. 3 COUNTER	0.09	0.08	0.92	0.05	AA
8616	BLDG. 3 FLOOR	6.5	0.08	320	1	ICAP
8620	FIELD BLANK	U	0.08	0.37	0.05	AA

$\mu g/100cm^2$ denotes micrograms per 100 cubic centimeters
U denotes not detected above the method detection limit (MDL).
AA denotes Atomic Absorption
ICAP denotes Inductively Coupled Argon Plasma

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APPENDIX A
Copies of Field Data Sheets and Chain of Custodies
Final Report
Cornell Dubilier Electronics
South Plainfield, NJ
May 1997

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ENVIRONMENTAL RESPONSE TEAM CENTER
WIPE SAMPLING WORK SHEET

Roy F. Weston Inc.
REAC Project, Edison, NJ
EPA Contract No. 68-C4-0022

200021

Site: Cornell Dubilier Site

WA#: 1-262

Prepared By: Robbins/Solinski

EPA/ERT WAM: Burchette

Date: 3/21/97

REAC Task Leader: Robbins

Sample #	Sample Location Description
8561 PCBs	Bldg 6 SHELF IN BAY AREA NEXT TO APRILAIRE
	907 WHOLE HOUSE HUMIDIFIER
8562 Metals	RUBBER
8563 PCBs	Bldg 6 OFFICE - ON TABLE NEXT TO COPIER
	912
8564 Metals	RUBBER
8565 PCBs	Bldg 13 FRONT ENTRY LEFT OF BAY DOOR OPENING.
	1054 FLOOR LOW CONTACT
8566 Metals	TRANSPORT LOGISTICS
8567 PCBs	Bldg 13 WORK STATION TABLE IN GARAGE
	1058
8568 Metals	TRANSPORT LOGISTICS
8569 PCBs	Bldg 13 BREAKROOM COUNTER NEAR MICROWAVE
	1102
8570 Metals	TRANSPORT LOGISTICS
8571 PCBs	Bldg 18 TOP OF TOASTER OVEN IN FRONT ENTRY AREA
	935
8572 Metals	NUPAK
8573 PCBs	Bldg 18 WORK BENCH IN SECOND ROOM IN
	945
8574 Metals	NUPAK
8575 PCBs	Bldg 18 FLOOR IN FRONT ENTRY ~~BAY~~ NEXT TO LEFT WALL
	952 NEXT TO HOLE IN WALL
8576 Metals	NUPAK
8577 PCBs	Bldg 14 LOW CONTACT UNDER FRONT OFFICE DESK
	815 JRS ENGINEERING
8578 Metals	
8579 PCBs	Bldg 14 FLOOR APPROX 30' INSIDE BAY DOORS
	825 BY DIP TANK
8580 Metals	JRS ENGINEERING
8581 PCBs	Bldg 14 HIGH CONTACT AREA DRAFTING DESK
	830 IN LARGE OPEN WORK AREA ON TOP
8582 Metals	JRS ENGINEERING
~~8583~~ PCBs	Bldg 9C NOT COLLECTED NO ONE PRESENT
~~8584~~ Metals	CJ TRADING

General Comments: For the lead and cadmium wipe samples a 10cm x 10cm area is wiped with a cotton gauze pad moistened with dionized water. For the Aroclor 1254 wipe samples a 10cm x 10cm area is wiped with a cotton gauze pad moistened with dionized water.

ENVIRONMENTAL RESPONSE TEAM CENTER
WIPE SAMPLING WORK SHEET

200022

Roy F. Weston Inc.
REAC Project, Edison, NJ
EPA Contract No. 68-C4-0022

Site: Cornell Dubilier Site

WA#: 1-262

Prepared By: Robbins/Solinski

EPA/ERT WAM: Burchette

Date: 3/21/97

REAC Task Leader: Robbins

Sample #	Sample Location Description
8585 PCBs	Bldg 11 NEXT TO GARAGE DOOR ENTRANCE
1023	LOW CONTACT
8586 Metals	FABRICATION TECHNOLOGIES (FORMER BULLET MANUFACTURER
8587 PCBs	Bldg 12 GARAGE FLOOR NEXT TO GARAGE DOOR ENTRANCE
1010	ON RIGHT AS YOU ENTER GARAGE DOOR
8588 Metals	R+M LOW CONTACT
8589 PCBs	Bldg 12 FIRST TABLE SAW AREA ON RIGHT
1014	BEYOND OFFICE TRAILER
8590 Metals	R+M
8591 PCBs	Bldg 5A FRONT ENTRY TO LEFT OF GARAGE DOOR
949	FLOOR - LOW CONTACT
8592 Metals	CARAWO
8593 PCBs	Bldg 5A OFFICE TOP OF FRIDGE
954	
8594 Metals	CARAWO
8595 PCBs	Bldg 5A WORK STATION IN BACK, MIDDLE OF
958	ENTIRE ROOM
8596 Metals	CARAWO
8597 PCBs	Bldg 10 TOP OF COMPRESSOR
1038	LOW CONTACT
8598 Metals	DSM
8599 PCBs	Bldg 9A LOW CONTACT ON LEFT WALL ~~AB~~ OF ENTRANCE
859	TO BAY DOOR
8600 Metals	PIONEER
8601 PCBs	Bldg 5 LOW CONTACT FLOOR NEXT TO BLUE FURNACE
925	
8602 Metals	COLUMBIA
8603 PCBs	Bldg 5 CENTER AISLE WORK AREA (TRUCK CARRIES
949	
8604 Metals	COLUMBIA
8605 PCBs	Bldg 5 WORK STATION CLOSEST TO FRONT ENTRY IN
933	CENTER (ALTENATORS)
8606 Metals	COLUMBIA
8607 PCBs	Bldg 5 TOP OF AC WALL UNIT NEXT TO PLASTIC
936	FLAP ENTRY
8608 Metals	COLUMBIA

General Comments: For the lead and cadmium wipe samples a 10cm x 10cm area is wiped with a cotton gauze pad moistened with dionized water. For the Aroclor 1254 wipe samples a 10cm x 10cm area is wiped with a cotton gauze pad moistened with dionized water.

ENVIRONMENTAL RESPONSE TEAM CENTER
WIPE SAMPLING WORK SHEET

200023

Roy F. Weston Inc.
REAC Project, Edison, NJ
EPA Contract No. 68-C4-0022

Site: Cornell Dubilier Site

WA#: 1-262

Prepared By: Robbins/Solinski

EPA/ERT WAM: Burchette

Date: 3/21/97

REAC Task Leader: Robbins

Sample #	Sample Location Description
8609 PCBs	BLDG 5 PICNIC TABLE IN BREAK ROOM
	940
8610 Metals	COLUMBIA
8611 PCBs	BLDG 2 NEXT TO FRONT GARAGE DOOR OPENING ON
	1114 FLOOR
8612 Metals	PROMOTION ASSOCIATES
8613 PCBs	BLDG 3 OFFICE COUNTER
	1120
8614 Metals	ABLE METRO
8615 PCBs	BLDG 3 GARAGE FLOOR SIDE DOOR ~~NEXT~~
	1123 NEXT TO ENTRANCE
8616 Metals	ABLE METRO
~~8617~~ PCBs	BLDG 1 NOT COLLECTED NO ONE PRESENT
~~8618~~ Metals	HOPE INTERNATIONAL
~~8619~~ PCBs	BLDG 1 NOT COLLECTED NO ONE PRESENT
~~8620~~ Metals	HOPE INTERNATIONAL
8617 PCBs	MS/MSD
8618 Metals	
8619 PCBs	FIELD BLANK
8620 Metals	
PCBs	
Metals	
PCBs	
Metals	
PCBs	
Metals	
PCBs	
Metals	

General Comments: For the lead and cadmium wipe samples a 10cm x 10cm area is wiped with a cotton gauze pad moistened with dionized water. For the Aroclor 1254 wipe samples a 10cm x 10cm area is wiped with a cotton gauze pad moistened with dionized water.

REAC, [redacted]son, NJ
(908) 321-4200
EPA Contract 68-C4-0022

CH[redacted] OF CUSTODY RECORD

Project Name: Cornell - Dubilier
Project Number: 1-262
RFW Contact: Ken Robbins Phone: 4298

No: 07930

SHEET NO. 1 OF 2

Sample Identification / Analyses Requested

REAC #	Sample No.	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	(2) Aroclor 1254	area (cm²)		
	08561	Bldg 6 Shelf	X	3/21/97	1	4oz. glass jar	✓	100		
	08563	Bldg 6 Table		3/21/97	1		✓	100		
	08565	Bldg 13 Floor		3/21/97	1		✓	100		
	08567	Bldg 13 Table		3/21/97	1		✓	100		
	08569	Bldg 13 counter		3/21/97	1		✓	100		
	08571	Bldg 18 oven		3/21/97	1		✓	100		
	08573	Bldg 18 Bench		3/21/97	1		✓	100		
	08575	Bldg 18 Floor		3/21/97	1		✓	100		
	08577	Bldg 14 Low Comm		3/21/97	1		✓	100		
	08579	Bldg 14 Floor		3/21/97	1		✓	100		
	08581	Bldg 14 Desk		3/21/97	1		✓	100		
	08585	Bldg 11 Floor		3/21/97	1		✓	100		
	08587	Bldg 12 Floor		3/21/97	1		✓	100		
	08589	Bldg 12 Table		3/21/97	1		✓	100		
	08591	Bldg 5a Floor		3/21/97	1		✓	100		
	08593	Bldg 5a office		3/21/97	1		✓	100		
	08595	Bldg 5a work		3/21/97	1		✓	100		
	08597	Bldg 5a comp.		3/21/97	1		✓	100		
	08599	Bldg 9a Floor		3/21/97	1		✓	100		
	08601	Bldg 5 Floor	X	3/21/97	1		✓	100		

Matrix:

SD -	Sediment	PW -	Potable Water	S -	Soil
DS -	Drum Solids	GW -	Groundwater	W -	Water
~~DL -~~	~~Drum Liquids~~	SW -	Surface Water	O -	Oil
X -	Other wipe	SL -	Sludge	A -	Air

Special Instructions:

(2) Aroclor 1254 wipe

FOR SUBCONTRACTING USE ONLY

FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
All/Analysis	[illegible]	3/21/97	B [illegible]	3/21/97	1510						

200024

FORM #4 8/94

★ U.S. GPO: 1994-383-018

REAC, [illegible]son, NJ
(908) 321-4200
EPA Contract 68-C4-0022

CH[illegible] OF CUSTODY RECORD

Project Name: Cornell - Dubilier
Project Number: 1-262
RFW Contact: Ken Robbins Phone: 4295

No: 07931

SHEET NO 2 OF 2

Sample Identification / Analyses Requested

REAC #	Sample No.	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	(1) Aroclor 1254	area (cm²)		
	08603	Bldg 5 Aisle	X	3/21/97	1	4oz. glass Jar	✓	100		
	08605	Bldg 5 work		3/21/97	1		✓	100		
	08607	Bldg 5 AC		3/21/97	1		✓	100		
	08609	Bldg 5 Table		3/21/97	1		✓	100		
	08611	Bldg 2 Floor		3/21/97	1		✓	100		
	08613	Bldg 3 Counter		3/21/97	1		✓	100		
	08615	Bldg 3 Floor		3/21/97	1		✓	100		
	08617	MS/MSD (3)		3/21/97	1		✓	—		
	08619	Field Blank	↓	3/21/97	1	↓	✓	—		

KR

KR

Matrix:

SD -	Sediment	PW -	Potable Water	S -	Soil
DS -	Drum Solids	GW -	Groundwater	W -	Water
DL -	~~Drum Liquids~~	SW -	Surface Water	O -	Oil
X -	Other- wipe	SL -	Sludge	A -	Air

Special Instructions:

FOR SUBCONTRACTING USE ONLY

FROM CHAIN OF CUSTODY #

(1) Aroclor 1254 wipe
(3) MS/MSD - Matrix Spike / Matrix Spike Duplicate

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
NJ/Analysis	Ken Robbins	3/21/97	B Lewis	3/21/97	1510						

FORM #4 8/94

★ U.S. GPO: 1994-385-018

200025

REAC, [redacted]son, NJ
(908) 321-4200
EPA Contract 68-C4-0022

CH[redacted] OF CUSTODY RECORD

Project Name: E. Cornell - Dubilier
Project Number: 1-262
RFW Contact: Ken Robbins Phone: 4298

No: 07924

SHEET NO. 2 OF 2

Sample Identification | **Analyses Requested**

REAC #	Sample No.	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	Pb, Cd (2)	area (cm²)		
	08604	Bldg 5 Aisle	X	3/21/97	1	4 oz glass jar	✓	100		
	08606	Bldg 5 work	X	3/21/97	1		✓	100		
	08608	Bldg 5 AC	X	3/21/97	1		✓	100		
	08610	Bldg 5 table	X	3/21/97	1		✓	100		
	08612	Bldg 2 floor	X	3/21/97	1		✓	100		
	08614	Bldg 3 counter	X	3/21/97	1		✓	100		
	08616	Bldg 3 floor	X	3/21/97	1		✓	100		
	08618	MS/MSD (3)	X	3/21/97	1		✓	—		
	08620	Field Blank	X	3/21/97	1		✓	—		

Matrix:

SD -	Sediment	PW -	Potable Water	S -	Soil
DS -	Drum Solids	GW -	Groundwater	W -	Water
DL -	Drum Liquids	SW -	Surface Water	O -	Oil
X -	Other wipe	SL -	Sludge	A -	Air

Special Instructions:

FOR SUBCONTRACTING USE ONLY

FROM CHAIN OF CUSTODY #

(2) Metals Analysis for Lead + Cadmium wipe Samples
(3) MS/MSD - Matrix Spike / Matrix Spike Duplicate

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
All/Analysis	[illegible]	3/24/97	[illegible]	3/21/97	1510						

200026

FORM #4 8/94

★ U.S. GPO: 1994-383-016

REAC, Edison, NJ
(908) 321-4200
EPA Contract 68-C4-0022

CHAIN OF CUSTODY RECORD

Project Name: Cornell-Dubilier
Project Number: 1-262
RFW Contact: Ken Robbins Phone: 4298

No: 07925

SHEET NO. 1 OF 2

Sample Identification / **Analyses Requested**

REAC #	Sample No.	Sampling Location	Matrix	Date Collected	# of Bottles	Container/Preservative	Pb Cd (1)	area (cm²)		
	08562	Bldg 6 Shelf	X	3/21/97	1	4 oz glass jar	✓	~~KR~~ 100		
	08564	Bldg 6 table	X	3/21/97	1		✓	~~KR~~ 100		
	08566	Bldg 12 Floor	X	3/21/97	1		✓	~~KR~~ 100		
	08568	Bldg 12 Table	X	3/21/97	1		✓	~~KR~~ 100		
	08570	Bldg 13 counter	X	3/21/97	1		✓	100		
	08572	Bldg 14 oven	X	3/21/97	1		✓	100		
	08574	Bldg 18 Bench	X	3/21/97	1		✓	100		
	08576	Bldg 18 Floor	X	3/21/97	1		✓	100		
	08578	Bldg 14 Low Contact	X	3/21/97	1		✓	100		
	08580	Bldg 14 Floor	X	3/21/97	1		✓	100		
	08582	Bldg 14 Desk	X	3/21/97	1		✓	100		
	08586	Bldg 11 Floor	X	3/21/97	1		✓	100		
KR	~~7~~ 08588	Bldg 12 Floor	X	3/21/97	1		✓	100		
	08590	Bldg 12 Saw	X	3/21/97	1		✓	100		
	08592	Bldg 5a Floor	X	3/21/97	1		✓	100		
	08594	Bldg 5a Office	X	3/21/97	1		✓	100		
	08596	Bldg 5a work	X	3/21/97	1		✓	100		
	08598	Bldg 10 Comp.	X	3/21/97	1		✓	100		
	08600	Bldg 9a floor	X	3/21/97	1	✓	✓	100		
	08602	Bldg 5 Floor	X	3/21/97	1		✓	100		

Matrix:

SD -	Sediment	PW -	Potable Water	S -	Soil
DS -	Drum Solids	GW -	Groundwater	W -	Water
~~DL -~~	~~Drum Liquids~~	SW -	Surface Water	O -	Oil
X -	Other - wipe	SL -	Sludge	A -	Air

Special Instructions:

(1) Metal Analysis for Lead + Cadmium wipe samples

FOR SUBCONTRACTING USE ONLY

FROM CHAIN OF CUSTODY #

Items/Reason	Relinquished By	Date	Received By	Date	Time	Items/Reason	Relinquished By	Date	Received By	Date	Time
All/Analysis	[illegible]	3/24/97	[illegible]	3/24/97	15:00						

200027

FORM #4 8/94

★ U.S. GPO: 1994-383-018

APPENDIX B
Analytical Report
Final Report
Cornell Dubilier Electronics
South Plainfield, NJ
May 1997

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