WASTE / MATERIAL IDENTIFIED FOR REMOVAL FROM DMSA C-400-05

Waste / Material	Original RFD	Material Classification	Barcode	# Items	Estimated Volume (ft^3)	Estimated Weight (lbs)	Transferred to
Cartridge Fuses	111305	RCRA/Mixed	NA	1	0.1	1	C-752-A
3 Capacitors	111306	RCRA/Mixed	DMSA0110852	1	0.005	0.2	C-752-A
Tube of Gasket Sealant Compound	111312	RCRA/Mixed	NA	1	0.02	0.5	C-733
3 Printed Circuit Boards	111313	RCRA/Mixed	NA	1	0.01	0.25	C-752-A
Vacuum Tubes	111314	RCRA/Mixed	NA	1	0.02	1	C-752-A
Light Bulbs	111315	RCRA/Mixed	NA	1	0.1	0.25	C-752-A
1-gallon Container of Nitric Acid-1/4 Full	112279	RCRA/Mixed	PAD02C05203	1	0.15	13	C-752-A
3 Cathode Ray Tubes Removed from Inline Recorder Panel	112280	RCRA	NA	1	0.1	1	C-752-A
3 Fluorescent Light Bulbs	112281	RCRA/Mixed	NA	1	0.8	2	C-752-A
2 Vacuum Tubes from UF_6 Detectors	112282	RCRA	NA	1	0.1	0.5	C-752-A
4 Fuses from Computer	112283	RCRA	NA	1	0.1	0.5	C-752-A
Vacuum Tube from Drive Motor Control Panel	112284	RCRA	NA	1	0.5	0.2	C-752-A
2 Vacuum Tubes from Control Panel in ACR	112285	RCRA	NA	1	0.15	6	C-752-A
4 Fuses from UF_6 Detector	112286	RCRA	NA	1	0.05	0.1	C-752-A
13 Fuses from ACR Panel and 1 Light Bulb	112287	RCRA	NA	1	0.15	0.3	C-752-A
3 Fuses from Motor Base Panel	112288	RCRA	NA	1	0.05	0.1	C-752-A
					Estimated Subtotal 2.41	***Estimated Subtotal 26***	

Waste / Material	Original RFD	Material Classification	Barcode	# Items	Estimated Volume (ft^3)	Estimated Weight (lbs)	Transferred to
1 Red Light Bulb, 1 Large Incandescent Light Bulb and 5 Broken Incandescent Light Bulbs	112289	RCRA	NA	1	0.2	0.5	C-752-A
Incandescent Light Bulb from Fixture	112291	RCRA	NA	1	0.1	0.5	C-752-A
Incandescent Light Bulb from Motor Base Panel	112292	RCRA	NA	1	0.05	0.1	C-752-A
9 Incandescent Light Bulbs	112293	RCRA	NA	1	0.5	0.5	C-752-A
5-gallon Container of Oil Drained from Welch Vacuum Pumps	112727	RCRA/Mixed	PAD02C05020	1	0.67	15	C-752-A
23 Circuit Boards	112851	Recy	NA	1	0.12	8	C-752-A
15 Circuit Boards	113157	Recy	NA	1	0.3	3	C-752-A
27 Capacitors	113158	PCB/LLW	PAD02C05225	1	0.18	14	C-752-A
17 Circuit Boards	113160	Recy	PAD02C05181	1	0.04	2	C-752-A
8 Circuit Boards	113161	RCRA/Mixed	NA	1	0.18	8	C-752-A
188 Light Bulbs	113162	RCRA	NA	1	0.03	1.5	C-752-A
2 Starters	113163	RCRA	NA	1	0.003	0.25	C-752-A
2 Ballasts	113164	PCB/LLW	NA	1	0.02	6	C-752-A
9 Circuit Boards	113165	Recy	NA	1	0.06	5	C-752-A
Circuit Board	113166	RCRA/Mixed	NA	1	0.02	2	C-752-A
2 Fluorescent Bulbs	113167	RCRA/Mixed	NA	1	0.027	1.75	C-752-A
6 Circuit Board Panels and 3 Circuit Boards	113171	RCRA/Mixed	NA	1	1.8	10	C-752-A
11 Circuit Boards	113172	Recy	NA	1	0.37	4	C-752-A
6 Cartridge Fuses, 1 Bulb Base and 5 Incandescent Bulbs	113173	RCRA	NA	1	0.37	4	C-752-A
22 Capacitors	113176	PCB/LLW	NA	1	0.251	23	C-752-A
16 Capacitors	113178	PCB/LLW	NA	1	0.0124	0.1	C-752-A
					Estimated Subtotal 5.30	***Estimated Subtotal 109.20***	

Waste / Material	Original RFD	Material Classification	Barcode	# Items	Estimated Volume (ft^3)	Estimated Weight (lbs)	Transferred to
7 Fuses	113179	RCRA	NA	1	0.00021	0.005	C-752-A
6 Circuit Boards	113180	Recy	NA	1	0.00798	0.01	C-752-A
3 Light Bulbs and 5 Fuses	113181	RCRA	NA	1	0.014	1.6	C-752-A
15 Capacitors and 1 Ballast	113182	PCB/LLW	NA	1	0.07	11.5	C-752-A
7 Circuit Boards	113183	Recy	NA	1	0.022	3.5	C-752-A
3 Circuit Boards	113184	RCRA/Mixed	NA	1	0.034	1.5	C-752-A
2 Rotary Switches	113185	RCRA/Mixed	NA	1	0.008	0.7	C-752-A
5 Circuit Boards and 2 Circuit Board Panels	113188	RCRA/Mixed	NA	1	0.256	9.5	C-752-A
Rotary Switch	113189	RCRA/Mixed	NA	1	0.0014	0.03	C-752-A
Spot Lamp	113190	RCRA/Mixed	NA	1	0.018	1	C-752-A
Vacuum Tube	113192	RCRA/Mixed	NA	1	0.0006	0.02	C-752-A
6 Circuit Boards	113193	Recy	NA	1	0.007	0.4	C-752-A
2 Fuses, 2 Light Bulbs, 2 Starters	113194	RCRA/Mixed	NA	1	0.0013	0.03	C-752-A
16 Capacitors	113195	PCB/LLW	NA	1	0.003	1.5	C-752-A
Mercury Manometer Containing Mercury	113196	RCRA/Mixed	NA	1	0.26	36	C-752-A
11 Capacitors	113197	PCB/LLW	NA	1	0.024	12	C-752-A
19 Circuit Boards and 4 Terminal Strips	113302	Recy	NA	1	0.129	6	C-752-A
22 Circuit Boards	113303	Recy	NA	1	0.134	4	C-752-A
2 Fluorescent Lamp Tubes	113199	RCRA/Mixed	NA	1	0.098	2	C-752-A
11 Circuit Board Panels	113304	RCRA/Mixed	NA	1	0.523	23	C-752-A
20 Circuit Boards	113305	Recy	NA	1	0.066	6	C-752-A
2 Circuit Boards and 2 Circuit Board Panels	113306	RCRA/Mixed	NA	1	0.4	9	C-752-A
					Estimated Subtotal 2.08	***Estimated Subtotal 129.30***	

Waste / Material	Original RFD	Material Classification	Barcode	# Items	Estimated Volume (ft^3)	Estimated Weight (lbs)	Transferred to
25 Circuit Boards	113307	Recy	NA	1	0.16	6	C-752-A
7 Fuses and 1 Light Bulb	113308	RCRA	NA	1	0.0015	0.2	C-752-A
23 Small PCB Capacitors	113309	PCB/LLW	NA	23	0.005	0.7	C-752-A
1 Circuit Board Panel and 6 Circuit Board	113310	RCRA/Mixed	NA	1	0.054	1.5	C-752-A
11 Circuit Boards	113311	RCRA	NA	1	0.117	4.5	C-752-A
Sealed Beam Headlight	113977	RCRA	NA	1	0.049	1	C-752-A
Incandescent Light Bulb	113978	RCRA/Mixed	NA	1	0.033	0.4	C-752-A
2 Circuit Boards	113980	RCRA/Mixed	NA	1	0.15	11	C-752-A
Incandescent Light Bulb	114011	RCRA/Mixed	NA	1	0.014	0.07	C-752-A
Capacitor	114013	PCB/LLW	NA	1	0.0028	0.2	C-752-A
2 Aerosol Cans	114021	RCRA/Mixed	NA	1	0.064	4	C-733
5 Light Bulbs	114022	RCRA/Mixed	NA	1	0.3	2.5	C-752-A
2 Aerosol Cans	114221	RCRA/Mixed	NA	1	0.029	4	C-733
3 Incandescent Light Bulbs	114222	RCRA/Mixed	NA	1	0.04	3	C-752-A
4 Fuses	114224	RCRA/Mixed	NA	1	0.0006	0.25	C-752-A
Incandescent Light Bulb	114242	RCRA/Mixed	NA	1	0.0007	0.006	C-752-A
Incandescent Light Bulb	114243	RCRA/Mixed	NA	1	0.06	0.25	C-752-A
5-gallon Container of Oil	114245	RCRA/Mixed	PAD02C06971	1	0.67	26	C-752-A
17 Incandescent Light Bulbs	114246	RCRA/Mixed	NA	1	0.007	0.3	C-752-A
Aerosol Can of Paint	114258	RCRA/Mixed	NA	1	0.08	2	C-733
Incandescent Light Bulb	114262	RCRA/Mixed	NA	1	0.0007	0.006	C-752-A
2 Fluorescent Light Bulbs	114326	RCRA/Mixed	NA	1	0.05	0.025	C-752-A
4 Vacuum Tubes	114328	RCRA	NA	1	0.005	0.5	C-752-A
Vacuum Tube	114329	RCRA	NA	1	0.01	0.05	C-752-A
					Estimated Subtotal 1.90	***Estimated Subtotal 68.46***	
				Grand Total	***11.69***	***333.35***	

RECYCLE / DISPOSAL INVENTORY OF MATERIALS AND RCRA WASTES FROM DMSA C-400-05

Collection Container Number	Description	Item ID Number	Material Classification	Estimated Volume (ft3)	Estimated Weight (lbs)	Recycle/ Disposal Facility	Disposition Date	Manifest Number
110321	13 Fuses	111305	RCRA/Mixed	0.1	1	Envirocare	5/6/03	00458
110321	3 Capacitors	111306	RCRA/Mixed	0.005	0.2	Envirocare	5/6/03	00458
110674	3 Circuit Boards	111313	RCRA/Mixed	0.01	0.25	Envirocare	5/6/03	00458
110321	16 Vacuum Tubes	111314	RCRA/Mixed	0.02	1	Envirocare	5/6/03	00458
110321	13 Light Bulbs	111315	RCRA/Mixed	0.1	0.25	Envirocare	5/6/03	00458
114327	3 Vacuum Tubes	112280	RCRA	0.1	1	AERC	2/18/03	00424
112294	3 Fluorescent Bulbs	112281	RCRA/Mixed	0.8	2	Envirocare	5/6/03	00458
114327	2 Vacuum Tubes	112282	RCRA	0.1	0.5	AERC	2/18/03	00424
111370	4 Fuses from Computer	112283	RCRA	0.1	0.5	CWMI	10/23/02	00392
114327	1 Vacuum Tube	112284	RCRA	0.05	0.2	AERC	2/18/03	00424
114327	2 Vacuum Tubes	112285	RCRA	0.15	6	AERC	2/18/03	00424
111370	4 Fuses	112286	RCRA	0.05	0.1	CWMI	10/23/02	00392
111370	13 Fuses	112287	RCRA	0.15	0.3	CWMI	10/23/02	00392
111370	3 Fuses	112288	RCRA	0.05	0.1	CWMI	10/23/02	00392
111370	7 Light Bulbs	112289	RCRA	0.2	0.5	CWMI	10/23/02	00392
111370	6 Light Bulbs	112291	RCRA	0.1	0.5	CWMI	10/23/02	00392
111370	1 Bulb	112292	RCRA	0.05	0.1	CWMI	10/23/02	00392
111370	9 Light Bulbs	112293	RCRA	0.5	0.5	CWMI	10/23/02	00392
114784	5-gal Container of Oil Drained from Welch Vacuum Pump	112727	RCRA/Mixed	0.67	15	TSCAI	9/18/03	00547
112831	23 Circuit Boards	112851	Recy	0.12	8	AERC	2/18/03	00424
112622	15 Circuit Boards	113157	Recy	7.4	3	AERC	2/18/03	00424
112622	17 Circuit Boards	113160	Recy	0.04	2	AERC	2/18/03	00424
110674	8 Circuit Boards	113161	RCRA/Mixed	0.18	8	Envirocare	5/6/03	00458
111370	188 Light Bulbs	113162	RCRA	0.03	1.5	CWMI	10/23/02	00392
111370	2 Starters	113163	RCRA	0.003	0.25	CWMI	10/23/02	00392
112831	10 Circuit Boards	113165	Recy	0.06	5	AERC	2/18/03	00424
				Estimated Subtotal 11.14	***Estimated Subtotal 57.25***			

Collection Container Number	Description	Item ID #	Material Classification	Estimated Volume (ft3)	Estimated Weight (lbs)	Recycle/ Disposal Facility	Disposition Date	Manifest Number
113170	1 Circuit Board	113166	RCRA/Mixed	0.02	2	Envirocare	5/6/03	00458
112294	2 Fluorescent Bulbs	113167	RCRA/Mixed	0.027	1.75	Envirocare	5/6/03	00458
113170	3 Circuit Boards	113171	RCRA/Mixed	1.8	10	Envirocare	5/6/03	00458
112831	11 Circuit Boards	113172	Recy	0.37	4	AERC	2/18/03	00424
111370	6 Cartridge Fuses, 1 Bulb Base and 5 Incandescent Bulbs	113173	RCRA	0.37	4	CWMI	10/23/02	00392
111370	7 Fuses	113179	RCRA	0.00021	0.005	CWMI	10/23/02	00392
112831	6 Circuit Boards	113180	Recy	0.00798	0.01	AERC	2/18/03	00424
111370	2 Bulbs and 3 Fuses	113181	RCRA	0.014	1.6	CWMI	10/23/02	00392
112831	7 Circuit Boards	113183	Recy	0.022	3.5	AERC	2/18/03	00424
113170	3 Circuit Boards	113184	RCRA/Mixed	0.034	1.5	Envirocare	5/6/03	00458
113186	2 Rotary Switches	113185	RCRA/Mixed	0.008	0.7	Envirocare	5/6/03	00458
113170	5 Circuit Boards and 2 Circuit Board Panels	113188	RCRA/Mixed	0.256	9.5	Envirocare	5/6/03	00458
113186	1 Rotary Switch	113189	RCRA/Mixed	0.0014	0.03	Envirocare	5/6/03	00458
110321	Spot Lamp	113190	RCRA/Mixed	0.018	1	Envirocare	5/6/03	00458
113191	1 Vacuum Tube	113192	RCRA/Mixed	0.0006	0.02	Envirocare	5/6/03	00458
112831	7 Circuit Boards	113193	Recy	0.007	0.4	AERC	2/18/03	00424
111370	2 Fuses and 2 Bulbs	113194	RCRA	0.0013	0.03	CWMI	10/23/02	00392
112294	2 Fluorescent Bulbs	113199	RCRA/Mixed	0.098	2	Envirocare	5/6/03	00458
112831	23 Circuit Boards and Strips	113302	Recy	0.129	6	AERC	2/18/03	00424
112831	22 Circuit Boards	113303	Recy	0.134	4	AERC	2/18/03	00424
113170	11 Circuit Boards	113304	RCRA/Mixed	0.523	23	Envirocare	5/6/03	00458
112831	20 Circuit Boards	113305	Recy	0.066	6	AERC	2/18/03	00424
113170	2 Circuit Boards	113306	RCRA/Mixed	0.4	9	Envirocare	5/6/03	00458
112831	25 Circuit Boards	113307	Recy	0.16	6	AERC	2/18/03	00424
111370	7 Fuses and 1 Bulb	113308	RCRA	0.0015	0.2	CWMI	10/23/02	00392
				Estimated Subtotal 4.47	***Estimated Subtotal 96.25***			

Collection Container Number	Description	Item ID #	Material Classification	Estimated Volume (ft3)	Estimated Weight (lbs)	Recycle/ Disposal Facility	Disposition Date	Manifest Number
113170	1 Circuit Board Panel and 6 Circuit Boards	113310	RCRA/Mixed	0.054	1.5	Envirocare	05/06/03	00458
112850	11 Circuit Boards	113311	RCRA/Mixed	0.117	4.5	Envirocare	05/06/03	00458
114100	Sealed Beam Headlight	113977	RCRA	0.049	1	CWMI	08/19/03	00516
110321	1 Bulb	113978	RCRA/Mixed	0.033	0.4	Envirocare	05/06/03	00458
113785	2 Circuit Boards	113980	RCRA/Mixed	0.15	11	AERC	05/06/03	00458
110321	1 Light Bulb	114011	RCRA/Mixed	0.014	0.07	Envirocare	05/06/03	00458
112294	2 Fluorescent Bulbs	114326	RCRA/Mixed	0.05	0.025	Envirocare	05/06/03	00458
114327	4 Vacuum Tubes	114328	RCRA	0.005	0.5	AERC	02/18/03	00424
114327	1 Vacuum Tube	114329	RCRA	0.01	0.05	AERC	02/18/03	00424
				Estimated	***Estimated***			
				0.48	***19.05***			
			Grand Total	***16.09***	***172.54***			

AERC: Advanced Environmental Recycling Company
CWMI: Chemical Waste Management Incorporated

HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. KY8890008923 — Manifest Document No. 00391

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
US DOE c/o WESKEM, LLC
5600 HOBBS ROAD
PADUCAH, KY 42002

4. Generator's Phone (270) 441-5322

A. State Manifest Document Number: CWMA 817882

B. State Generator's ID:

5. Transporter 1 Company Name: AATCO/R&R Trucking Company

6. US EPA ID Number: MOR000501973

C. State Transporter's ID:

D. Transporter's Phone: 417-673-6885

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
Emelle Facility
Alabama Highway 17 at Mile Marker 163
Emelle, Alabama 35459

10. US EPA ID Number: ALD000622464

G. State Facility's ID: N/A

H. Facility's Phone: 205/652-9721

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III Disposal Approval # OAK607226 CWM Profile # 607226	002	DM	00154	P	D006, D008
b. Disposal Approval # CWM Profile #					
c. Disposal Approval # CWM Profile #					
d. Disposal Approval # CWM Profile #					

J. Additional Descriptions for Materials Listed Above
(a) Disposal Approval #OAK607226
CWM Profile #607226
State of Generation: KENTUCKY

K. Handling Codes for Wastes Listed Above
a. H111 Bulking
b. H040 Transportation
c.
d.

15. Special Handling Instructions and Additional Information

Purchase Order # #S-WD-00351

Alternate TSDF: RETURN TO GENERATOR

Carrier PO# PD-01563 Trailer #17815

Seal# W009753 and W009771

Work Order # PO# PD-01565

EMERGENCY CONTACT: #1-800-424-9300 (CHEMTREC) PROD171

16 **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — Printed/Typed Name: Teri Davis On Behalf of US DOE — Signature: [signature] — Month Day Year: 10 23 02

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: Stephen K. Miller — Signature: [signature] — Month Day Year: 10 23 02

18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: — Signature: — Month Day Year:

FACILITY — 19. Discrepancy Indication Space

received WJB 11/8/02 6:50 AM

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anna Crane — Signature: Anna Crane — Month Day Year: 11 08 02

Manifest # 00392

1.1 DESCRIPTION OF PROPOSED SHIPMENTS

The Checklist will briefly indicate the waste/material characterization, proposed destination, shipment date, and material volume. The Documentation Package will include information on the history of the waste/material. It should provide a detailed description of the category and the amounts of waste/material to be shipped; the name and location of the receiving facility(ies); and the treatment, disposal, or recycling to be conducted. The description will specify the scope of the approval requested for off-site shipment and provide a projected schedule for initiation and completion of the shipments. Documents such as the project plan, NTS approved waste profiles, or a sampling and analysis plan (SAP) may be referenced. The waste generator's task team will verify that these requirements have been met.

The shipment is made up of 2 drums of the following materials. Each drums consists of a mixture of the following. The materials were segregated from various DMSAs and sorted and Surveyed by type in order to be categorized properly for treatment and disposal.

One 55-gallon drum was consolidated from several RFD's onto RFD # 110675. It contains Light bulb ends, vehicle tail lights/marker lights/ parking lights/ backup lights/ headlights, seal beams, battery cable ends, and fuses. The other 55-gallon drum on RFD# 111370 houses light starters, fuses, light bulbs, indicator light bulbs, incandescent bulbs, fuses, 1 small piece of strip solder, and light bulb ends.

All of these manufactured items were consumer commodities when purchased and used and were not considered hazardous when in general use. These items were manufactured with components that are considered toxic to the environment and are regulated once the material is declared a "solid waste." Now that they are discarded and are no longer considered useful, they meet the EPA definition of a "solid waste."

The toxic components in these items are Cadmium and Lead. These drums will be shipped to Chemical Waste Management, Inc., in Emelle, AL for stabilization and disposal.

HAZARDOUS WASTE MANIFEST

(As Required By The Alabama Department of Environmental Management)

Please print or type. *(Form designed for use on elite (12-pitch) typewriter.)*

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. KY0890022032 — Manifest Document No.

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
US DOE c/o WESKEM, LLC
5600 HOBBS ROAD
PADUCAH, KY 42001

4. Generator's Phone (270) 441-5322

A. State Manifest Document Number: CWMA 817882

B. State Generator's ID

5. Transporter 1 Company Name: AATCO/R&R Trucking Company

6. US EPA ID Number: KYD000501973

C. State Transporter's ID: MOP000501973

D. Transporter's Phone: 417-623-6885

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
CHEMICAL WASTE MANAGEMENT, INC.
Emelle Facility
Alabama Highway 17 at Mile Marker 163
Emelle, Alabama 35459

10. US EPA ID Number: ALD006224644

G. State Facility's ID: N/A

H. Facility's Phone: 205/652-9721

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III Disposal Approval # OAK607226 CWM Profile #	002	DM	00154	P	D006, D008
b. Disposal Approval # CWM Profile #					
c. Disposal Approval # CWM Profile #					
d. Disposal Approval # CWM Profile #					

J. Additional Descriptions for Materials Listed Above
11a) Disposal Approval# OAK607226
CWM Profile # [illegible]
Service Request # 659602
State of Generation Kentucky

K. Handling Codes for Wastes Listed Above
a. H041 b. c. d.

15. Special Handling Instructions and Additional Information
Alternate TSDF: RETURN TO GENERATOR Seal# W009753 and W009771
Purchase Order # #S-WD-00351 Carrier PO# PD-01563 Trailer # 17815
Work Order # PO# PD 01565 EMERGENCY CONTACT: #1-800-424-9300 (CHEMTREC) #RC0171

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Teri Davis On Behalf of US DOE — Signature: [signature] — Month Day Year: 10 13 02

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Stephen K. Miller — Signature: [signature] — Month Day Year: 10 13 02

REVIEWED FOR CLASSIFICATION

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

Initials: [illegible] Date: 11-7-02

UNCLASSIFIED

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 9-86) Previous edition is obsolete.

GENERATOR NO. 1

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

US DOE
5600 HOBBS RD
PO BOX 1410
PADUCAH, KY 42002-1410

Site Information:

US DOE
5600 HOBBS RD
PO BOX 1410
PADUCAH,KY 42002-1410

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US DOE
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

CWMA-0000817882

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver
Recordkeeping and Reporting Supervisor

October 31, 2002

rec'd 7/25/02 JMK

ONYX ENVIRONMENTAL SERVICES, L.L.C.

Federal EPA ID: TXD000838896
State EPA ID: 50212-001
Highway 73
Port Arthur, TX 77643
(409) 736-2821

WESCHEM LLC PGDP
ATTN: MANIFEST SECTION
KY8890008982
P.O. BOX 1410
PADUCAH, KY 42002-1410

CERTIFICATE OF DESTRUCTION

Onyx Environmental Services, L.L.C. has received waste material from WESCHEM LLC PGDP on 6/21/02 as described on [State Manifest or Uniform] Hazardous Waste Manifest number 0002324933.

Sequence 1

Profile Number: 573565
Onyx Tracking ID: 562486-01

Onyx Unit ID	Treatment Date
7	7/17/02

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits, and licenses on the date listed above.

Melvin Stallworth

30-Jul-02

Shipped 10-23-02

DOE HAZARDOUS WASTE RFD

Document ID Number 111370

Request For Disposal

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
EARL TYLER	31491	441-5235	C-743-T1	N/A

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
WESKEM	DOE	PGDP	C-752-A	C-752-A	☑ Yes ☐ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	NA	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT005, MT099	PGDP	C-752-A	C-752-A	☐ A ☑ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. Collection Container for RCRA WASTE At C-752-A Section "E". containing incandescent light bulbs, glass & other fuses & fluorescent light starters, misc. lead waste
INCANDESCENT BULBS / FUSES

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
N/A	[signature]	1-15-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
NA	NA	NA

P4. PPE Requirements

P5. Container-Labeling Requirements

X RCRA	___ PCB	___ DET PCB (<50ppm & source <50ppm)	___ RAD	X DOE
___ FISSILE	___ NCS EXEMPT	___ RD CONFIDENTIAL	___ ACID	___ USEC
___ FLAMMABLE	___ COMBUSTIBLE	___ OXIDIZER	___ BASE	___ WESKEM
___ ASBESTOS	___ REACTIVE	___ TRANSURANIC	___ NON-HAZ	

P6. Additional Handling Instructions

Reference FWR
Origin Date 1-15-02
PCB Start Date NA
RCRA Start Date 1-15-02

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
[signature]	31491	5/2/02	[signature]	704288	23 oct 0

P9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date
C M Taylor	13656	10/23/02	[signature]	705451	10-25-

P11. Waste Item Information
Waste Item No. 111370
Container No. (Barcode) PAD01C03416
Weight 66 lbs
Location and Grid C752A / SECT. A-01
Container Size 55 gal drum

P12. Operator Comments

BJCF-515a (03/01)

DMSA NON-RAD

WITS Completed [signature] 10-23-02

received 1-16-02

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 111370

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH N/A	B6. CORROSIVITY TO STEEL N/A mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s) N/A	B7. FLASHPOINT ☐ C N/A ☐ F	B8. BOILING POINT N/A ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☒ NO CONC. ppm	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ☐ YES ☒ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.	N/A		
R2. PROCESS KNOWLEDGE FORM NO.	N/A		
R3. FISSLE CONTENT (Wt% U-235) N/A	R4. GRAMS U-235 N/A	R5. NCS EXEMPT ☒ YES ☐ NO	R5. CHEMICAL FORM N/A

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.	N/A	T3. RCRA WASTE	✓	
		T4. TSCA WASTE		✓
T2. PROCESS KNOWLEDGE FORM NO.	See fact sheets for individual RFDs	T5. UNDERLYING HAZARDOUS CONSTITUENTS		✓

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☒ NO	ppm	ppm	☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED yes

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM ☐ A ☐ AC ☐ B ☐ C	X2. WASTE STREAM ID PA-F020	X3. FORM CODE B307	X4. SOURCE CODE A58
X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA ☐ YES ☐ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
			D006	

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
			D008	

X14. SUBSTANCE NAME

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
1	OF 7	111370

11. STE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
111370-01	1-3-02	1-3-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
(1) Light Bulb 111534-01	1bag	RGF	1-3-02	from 23000-02 Transformer Fan box
(1) Light Bulb 111533-01	1bag		1-3-02	from 23000-01 Transformer Fan box
(4) Fuses 112286-01	1bag		2-18-02	from DD026 UF6 Detector
(4) Fuses 112601-01	1bag		4-16-02	from 112575-01
(2) Starters 113163-01	1bag		7-11-02	from 112842-01 C-400-05
(188) Light bulbs 113162-01	1bag		7-11-02	from 112415-01 DMSA 400-05
(7) Fuses (1) bulb 113308-01	1bag		7-18-02	from 112415-02 Computer
(1) Fuses 113199-01	1bag		7-23-02	from (2) 113414-01 (4) 113413-01 (1) 113413-02 C-400-05
(2) Fuses (2) Bulbs (2) Starters 113194-01	1bag		7-25-02	from 112226-01
(2) Fuses 113804-01	1bag		8-6-02	from C-333-21
(1) Fuses 113811-01	1bag		8-8-02	from 112957-01
(2) Fuses 113849-01	1bag		8-12-02	from 113840-01 Marvel Bandsaw
(1) bulb 113850-01	1bag		8-12-02	from 113840-01 Marvel Bandsaw

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
Pad01C03416	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
88	lbs	Plastic	1A2/Y30 5	W00971

CONTAINER GENERATOR SIGNATURE: Gene Ross

DATE: 10-18-02

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
2 OF 7		111370

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
111370-01	1-3-02	1-3-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
(22) Fuses (55) Bulbs RFD 111939-01	1bag	RGF	1-28-02	from 111124-01 Tube Roller
Strip of Solder 111978-01	1bag		1-31-02	from 111937-01 Toolbox
(4) Fuses 112091-01	1bag		2-12-02	from 110920-01 Roller Stand
(1) Light Bulb 112095-01	1bag		2-12-02	from 110920-01 on a Roller Stand
(38) Fuses 112099-01	1bag		2-13-02	from 107689-01 Tube Roller Control Cabinet
(4) Fuses 112100-01	1bag		2-18-02	from 111105-01 Radar Cabine
(13) Fuses 112287-01	1bag		2-18-02	from ACR Panel
(2) Light bulbs 112289-01	1bag		2-18-02	~~from~~ loose on floor C-400-05
(6) Light bulbs 112102-01	1bag		2-18-02	from 111105-01 Radar Cabinet
(1) Bulb 112292-01	1bag		2-18-02	from Motor base C-400-05
(8) Light bulbs (1) 3rd light bulb 112293-01	1bag		2-18-02	from Various Panels in ACR C-400-05
(1) Flourscent light Starter 112104-01	1bag		2-18-02	from 111105-01 in Radar Cabinet
(3) Fuses 112288-01	1bag		2-18-02	from Motor base Panel in ACR C-400-05

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
Pad01C03416	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
88	lbs	Plastic	1A2/X430/S	W00971

119. CONTAINER GENERATOR SIGNATURE: Terri Ross

DATE: 10-18-02

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
3 OF 7	111370

11. ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
111370-01	1-3-02	1-3-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
(3) Fuses 112093-01	1 bag	RGF	2-12-02	from 110920-01 found laying on Roller Stand
(1) 6" light Bulb 112251-01	1 bag		2-18-02	from fixture C-400-05
(1) Battery Cable Connector 112109-01	1 bag		2-19-02	from 111792-01 Mobile transporti Platform
(3) light Bulbs 111773-01	1 bag		2-19-02	from C-409-02 oven 4
(37) light bulbs 112110-01	1 bag		2-20-02	from 112071-01 MASS spectometer instrument Panel
(23) Fuses 112111-01	1 bag		2-21-02	from 112071-01 MASS Spectomet instrument Panel
(1) light bulb 111471-01	1 bag		3-4-02	from Safety Shower oven 4 C-409-02
(3) light Bulbs 112115-01	1 bag		3-5-02	from Stabilization Stand #5 Inst. Panel C-409-02
(1) light bulb base 112121-01	1 bag		3-5-02	from Zorball buggy 111419-01
(1) light Bulb 112118-01	1 bag		3-5-02	Stabilization stand #6 C-409-02
(3) light Bulbs 112116-01	1 bag		3-5-02	from Stab. stand #6 inst. Panel C-409-02
(1) light bulb starter 112172-01	1 bag		3-5-02	from 111419-01 in Zorball buggy
(3) light Bulbs 112114-01	1 bag		3-5-02	from Stab. Stand #4 inst. Panel C-409-02

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
Pad01C03416	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. ~~TANK~~ SEAL NUMBER
88	lbs	Plastic	1A2/X430/S	W00971

119. CONTAINER GENERATOR SIGNATURE: Terri Ross

DATE: 10-18-02

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
4 OF 7	111370

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
111370-01	1-3-02	1-3-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
(3) Light Bulbs 112112-01	1 bag	RGF	3-5-02	from Stab. Stand #2 inst. Panel C-409-02
(3) Light Bulbs 112113-01	1 bag		3-5-02	from Stab. Stand #3 inst. Panel C-409-02
(3) Fuses 112130-01	1 bag		3-6-02	from 112128-01 Computer Panel
(9) Fuses 112142-01	1 bag		3-12-02	from 112127-01 Computer panel
(1) Light Bulb 112191-01	1 bag		3-12-02	from Cart C-333 zone 22
(1) Fuse 112542-01	1 bag		3-18-02	found Stab. Stand #5 C-409-02
(13) Vendelight bls 112325-01	1 bag		3-18-02	from 110480-01 OS-8
(1) Fuse 112145-01	1 bag		3-21-02	from 111391-01 hydraulic work Platform
(20) Fuses & (1) Bulb 112591-01	1 bag		4-10-02	from 112133-01 C-409-02
(28) Fuses 112599-01	1 bag		4-15-02	from 112575-01 C-409-02
(1) Indicator light 112778-01	1 bag		4-24-02	from 112691-01 box
(8) Fuses 112617-01	1 bag		4-29-02	from 112131-01
(1) Bulb 112782-01	1 bag		4-29-02	from 112691-01 box

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
Pad01C03416	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
88	lbs	Plastic	1A2/X43G/S	W00971

119. CONTAINER GENERATOR SIGNATURE	DATE
Terri Ross	10-18-02

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	OF	DOCUMENT ID NUMBER
5	7	111370

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
111370-01	1-3-02	1-3-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
(10) Bulbs 112846-01	1 bag	RGF	5-2-02	from 110588-01 floorsweeper
(2) Fuses & (2) Starter (1) Bulb 113212-01	1 bag		6-17-02	from 111370-01 C-333 zone 20
(5) bulbs, (3) 250v Fuses (5) 600v Fuses 113259-01	1 bag		6-20-02	from 113252-01 hydraulic oil pump w/ controls
(5) bulbs (3) 250v Fuses (5) 600v Fuses 113261-01	1 bag		6-20-02	from 113260-01 hydraulic oil pump w/ controls
(1) light starter RD113859	1 bag	TR	8/12/02	from C-331-05 newly discovered ~~on floor~~
(6) fuses RD113773	1 bag	TR	7/12/02	forgot to put on log sheet when recopied from rfd. 112415-01 DMSA C-400-05
		RGF		

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
Pad 01 C63416	☐ YES ☒ NO	N/A	7.4	ft 3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
88	lbs	Plastic liner	1A2/X430/5	W00971

119. CONTAINER GENERATOR SIGNATURE	DATE
Teri Koss	10-18-02

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
6	OF 7	111370

11. TE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
111370-01	1-3-02	1-3-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
(4) Fuses 113848-01	1bag	RGF	8-12-02	from 113844-01 Bandsaw
(70) Bulbs. 113761-01	1bag		8-12-02	from 112958-01 Freezer Sublimer Panel
65) Bulbs 113768-01	1bag		8-13-02	from 112953-01 Freezer Sublimer Panel
(6) Fuses 113858-01	1bag		8-13-02	from 113855-01 Speedomax
(50) bulbs 113767-01	1bag		8-13-02	from 112959-01 Freezer Sublimer Panel
(12) Fuses 113770-01	1bag		8-13-02	from 112953-01 Freezer Sublimer Panel
(1) Fuses 113871-01	1bag		8-14-02	from 113855-01 Speedomax
(46) Bulbs 113779-01	1bag		8-14-02	from 112952-01 Freezer Sublimer Panel
(2) Starter 113873-01	1bag		8-14-02	from 113855-01 Speedomax
(40) Bulbs 113794-01	1bag		8-19-02	from 113016-01 Freezer Sublimer Panel
(5) Fuses 113778-01	1bag		8-14-02	from 112952-01 Freezer Sublimer Panel
(21) Bulbs 113785-01	1bag		8-16-02	from 113015-01 Freezer Sublimer Panel
(4) Fuses 113793-01	1bag		8-19-02	from 113016-01 freezer Sublimer Panel

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
Pad01C03416	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
88	lbs	Plastic	1A2/X430S	W00971

119. CONTAINER GENERATOR SIGNATURE	DATE
Glen Ross	10-18-02

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	OF	DOCUMENT ID NUMBER
JL 10-25-00 7 8	7	111370

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
111370-01	1-3-02	1-3-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
(11) Bulbs 113795-01	1 bag	RGF	8-19-02	from 113017-01 freezer Sublimer Panel
(13) Fuses 113796-01	1 bag		8-19-02	from 113017-01
~~(10 fuses 113713-01~~	1 bag JR	TR 10-15-02		~~from 112115-01 C~~
~~2) 1 bulb (3) fuses RFD 113181-01~~	1 bag	JL	7-24-02	from 400-05
(3) fuses (1) bulb Also RFD 113181-01				removed from 111301-01 removed from 111300-01
		RGF		

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
Pad01C03416	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
88	lbs	Plastic	1A2/X430/S	W00971

119 CONTAINER GENERATOR SIGNATURE: Terri Ross DATE: 10-18-02

UCN-20700 PAGE 2

BECHTEL JACOBS
Bechtel Jacobs Company LLC

DOE Contract No. DE-AC05-98OR22700
Job No. 23900
October 21, 2002

Mr. T. Jerome Ellington
DMSA Project Manager
WESKEM LLC
297 Kentucky Avenue
Kevil, KY 42053

Dear Mr. Ellington:

Subject: The U.S. Department of Energy Material Storage Area Drums Ready for Shipment

This letter is to validate that Health Physics has performed and reviewed radiological surveys of items located in drums with Request for Disposal (RFD) numbers 111370 and 110675, and the associated RFD packages for those drums. They meet the requirements for off-site release and shipment as non-radiologically contaminated.

If you have questions or need additional information please call me at 441-5123

Sincerely,

Kelly L. Ausbrooks
Paducah Project Health Physicist

KLA:bar
LTR-PAD/ESH-BR-02-0037

c: G. Carter
R. J. Keeling
R. G. Kuehn
S. M. Leone
File-EMEF-DMC-PAD-RC

2500-FM-LRW0051 REV. 7/99

received 3-5-03

Bureau of Land Recycling and Waste Management
P.O. Box 8550
Harrisburg, PA 17105-8550
OFFICIAL PENNSYLVANIA MANIFEST FORM

Form approved.
OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: KY 889 000 8982
Manifest Document No.: 00424
2. Page 1 of 1
Information within the bold red border is not required by Federal law but may be required by State law.

3. Generator's Name and Mailing Address: US DOE c/o Weskem, LLC, 5600 Hobbs Road (P.O. Box 1410), Paducah, Ky. 42001

4. Generator's Phone (270) 441-5308

A. State Manifest Document Number: PAG 115424
B. State Gen. ID: SAME

5. Transporter 1 Company Name: R&B Logistic Inc.
6. US EPA ID Number: WAR 000 012 005
C. State Trans. ID: PA-AH NA
D. Transporter's Phone (800) 532-0504

7. Transporter 2 Company Name: R&R Trucking Company, Inc.
8. US EPA ID Number: MOR 000 501 973
E. State Trans. ID: PA-AH 0592
F. Transporter's Phone (800) 625-6885

9. Designated Facility Name and Site Address: Advanced Environmental Recycling Company, LLC 2591 Mitchell Avenue, Allentown, PA 18103
10. US EPA ID Number: PAD 987 367 216
G. State Facility's ID: SAME
H. Facility's Phone (610) 797 7608

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	Waste, Mercury contained in Manufactured Articles, 8, UN2809, II (Mercury)	1	DM	11	K	D006, D008, D009
b.		Boards, Circuit This waste is not a Hazardous Waste according to PA law.	5	DM	362	K	None
c.							
d.							

J. Additional Descriptions for Materials Listed Above
11 a) Used vacuum tubes to be recycled. ERG No. 172 Profile No. 30203-001
11 b) Profile No. AERC40582

K. Handling Codes for Wastes Listed Above
a. T-18/T-54
b. S-01
c.
d.

15. Special Handling Instructions and Additional Information
EMERGENCY RESPONSE Phone Number 1-800-424-9300 CHEMTREC
Alternate TSDF: Return to Generator

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economicall practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health an the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is availabl to me and that I can afford.

Printed/Typed Name: Gregory M. McGowan — Signature: Gregory M. McGowan — MONTH 02 DAY 18 YEAR 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerald Turner — Signature: Jerald Turner — MONTH 02 DAY 18 YEAR 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Mary A. Wilkerson — Signature: Mary A. Wilkerson — MONTH 02 DAY 18 19 YEAR 03

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: Jose [illegible] — Signature: [illegible] — MONTH DAY YEAR

GENERATOR
TRANSPORTER
FACILITY

In case of an emergency or spill immediately call the National Response Center (800) 424-8802 and the PA DEP (717) 787-4343

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete

COPY 3 - TSD FACILITY: MAIL TO GENERATOR

shipped 2-18-03

DOE HAZARDOUS WASTE

Request For Disposal

RFD

Document ID Number 112622

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
Eric Kimmins	703681	5140	C-743-T1	NA

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
WESKEM	DOE	PGDP	C-752-A	C752A GrA	☐ Yes ☑ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	NA	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
ATO99	PGDP	C-752-A	C-752-A GrA	☐ A ☑ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. Collecting Container for Clean Circuit Boards At C-752A

B.C. PAD02C05018

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
NA	Eric Kimmins	5-1-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
	NA	NA

P4. PPE Requirements

P5. Container-Labeling Requirements

✓ RCRA	PCB	DET PCB (<50ppm & source <50ppm)	RAD	✓ DOE
FISSILE	NCS EXEMPT	RD CONFIDENTIAL	ACID	USEC
FLAMMABLE	COMBUSTIBLE	OXIDIZER	BASE	WESKEM
ASBESTOS	REACTIVE	TRANSURANIC	NON-HAZ	

P6. Additional Handling Instructions

Verify Label, Barcode, & Zone

Reference FWR 6052

Origin Date 5-1-02

PCB Start Date — NA

RCRA Start Date 5-1-02

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
Eric Kimmins	703681	5-1-02			5-1-02

P9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date
	11357	5-1-02			

P11. Waste Item Information

Waste Item No. 112622-01

Container No. (Barcode) PAD02C05018

Weight

Location and Grid C-752-A Grid A

Container Size 7.4 ft3

P12. Operator Comments

BJCF-515a (03/01)

DMSA ION PAD

WITS Completed

received

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 112622

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☑ NO	B3. CHELATING AGENTS ☐ YES ☑ NO	B4. ION EXCHANGE RESINS ☐ YES ☑ NO	B5. pH	B6. CORROSIVITY TO STEEL mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s) NA	B7. FLASHPOINT ☐ C ☐ F	B8. BOILING POINT ☐ C ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☑ NO CONC. ppm	B10. WASTEWATER ☐ YES ☑ NO
	B11. RADIOACTIVE ☐ YES ☑ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.	NA		
R2. PROCESS KNOWLEDGE FORM NO.	NA		
R3. FISSLE CONTENT (Wt% U-235) NA	R4. GRAMS U-235 NA	R5. NCS EXEMPT ☑ YES ☐ NO	R5. CHEMICAL FORM SOLID

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.	NA	T3. RCRA WASTE	✓	
		T4. TSCA WASTE		✓
T2. PROCESS KNOWLEDGE FORM NO.	11-1-92 0224	T5. UNDERLYING HAZARDOUS CONSTITUENTS		✓

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☑ NO	ppm	ppm	☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: Yes - individual surveys for internal RFDs attached to RFDs

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM ☐ A ☐ AC ☐ B ☐ C	X2. WASTE STREAM ID PA-E020	X3. FORM CODE	X4. SOURCE CODE
X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA ☐ YES ☐ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

Collection Container	**112622**	C-752-A	RFD Copy Closed & Shipped
rcuit Boards	112623		C-409-02 RFD Copy Closed & Shipped
Closed & Shipped 2/18/03	112624		C-409-02 RFD Copy Closed & Shipped
	112625		C-409-02 RFD Copy Closed & Shipped
	112626		C-409-02 RFD Copy Closed & Shipped
	112627		C-409-02 RFD Copy Closed & Shipped
	112628		C-409-02 RFD Copy Closed & Shipped
	112632		C-409-02 RFD Copy Closed & Shipped
	112635		C-409-02 RFD Copy Closed & Shipped
	112636		C-409-02 RFD Copy Closed & Shipped
	112638		C-409-02 RFD Copy Closed & Shipped
	112639		C-409-02 RFD Copy Closed & Shipped
	112643		C-409-02 RFD Copy Closed & Shipped
	112644		C-409-02 RFD Copy Closed & Shipped
	113157		C-400-05 RFD Copy Closed & Shipped
	113160		C-400-05 RFD Copy Closed & Shipped
	113265		C-333-11 RFD Copy Closed & Shipped
	113266		C-333-11 RFD Copy Closed & Shipped
	113269		C-333-11 RFD Copy Closed & Shipped

Shipped 2-18-03

DOE Request For Disposal

HAZARDOUS WASTE JRL 1/10/03

RFD

Document ID Number 112831

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
Bill Hogan	704284	5339	C-743 T-1	

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
Weskem	DOE	PGDP	C-752 A	C-752 A	☐ Yes ☑ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	N/A	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT 099	PGDP	C-752 A	C-752 A	☐ A ☑ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. Collection Container for ~~"Newly Generated"~~ or "RCRA Waste (Non-Rad) includes: Circuit Boards Small Capacitors (hazardous for metals) B.C. PAD02C05514 (55 gallon Drum)

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
	Bill Hogan	4-24-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area

P4. PPE Requirements: SEE FWR-16386

P5. Container Labeling Requirements: WCh

✓ RCRA JL	PCB	DET PCB (<50ppm & source <50ppm)	RAD	✓ DOE
FISSILE	NCS EXEMPT	RD CONFIDENTIAL	ACID	USEC
FLAMMABLE	COMBUSTIBLE	OXIDIZER	BASE	WESKEM
ASBESTOS	REACTIVE	TRANSURANIC	NON-HAZ	

P6. Additional Handling Instructions: Close collection. Verify labeling. Non-Rad, Non HAZ.

Reference FWR

Origin Date 4-24-02

PCB Start Date N/A

RCRA Start Date 4-24-02

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
JL Hayes	160721	1/10/03	Jamie Scott	706818	12-10-02
P9. Field Supervisor	**Badge**	**Date**	**P10. Data Processing Completed By**	**Badge**	**Date**
[illegible]	142201	12/12/02			

P11. Waste Item Information

Waste Item No. 112-831-01

Container No. (Barcode) PAD 02C05514

Weight 145 lb

Location and Grid C-752-A A-02

Container Size ~7.4 ft3 1A2/

P12. Operator Comments: Determined to be Non-hazardous Per attached notification. JRL

WITS Completed

received

BJCF-515a (03/01)

DMSA NON-RAD

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 112831-01

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☑ NO	B3. CHELATING AGENTS ☐ YES ☑ NO	B4. ION EXCHANGE RESINS ☐ YES ☑ NO	B5. pH	B6. CORROSIVITY TO STEEL mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s)	B7. FLASHPOINT ☐ C ☐ F	B8. BOILING POINT ☐ C ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☑ NO CONC. ppm	B10. WASTEWATER ☐ YES ☑ NO
	B11. RADIOACTIVE ☐ YES ☑ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.	JR 11-1-02 ~~Will attach Survey when received~~ N/A		
R2. PROCESS KNOWLEDGE FORM NO.	N/A		
R3. FISSLE CONTENT (Wt% U-235) N/A	R4. GRAMS U-235 N/A	R5. NCS EXEMPT ☑ YES ☐ NO	R5. CHEMICAL FORM

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.		T3. RCRA WASTE	X	
		T4. TSCA WASTE		X
T2. PROCESS KNOWLEDGE FORM NO.	JR 11-1-02 ~~0224, 0215~~ 0239, 0240	T5. UNDERLYING HAZARDOUS CONSTITUENTS		

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☑ NO	ppm	ppm	☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: Yes - individual surveys are attached to internal RFDS

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM ☐ A ☐ AC ☐ B ☐ C	X2. WASTE STREAM ID PA-E020	X3. FORM CODE	X4. SOURCE CODE
X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA ☐ YES ☐ NO
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s) / X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME			
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s) / X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME			

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
1 OF 2	112831

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
112831-01	4/24/02	4/24/02	N/A

	15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
4/24	RFD# 112830-01 (12) Circuit Boards	1 bag	JR	~~4-24-02~~ 12/5/02	DMSA 333-31 Removed from RFD# 111822-01
4/24	RFD# 112826-01 (30) Capacitors	1		4-24-02	DMSA 333-31 Removed from RFD# 111822-01
4/24	RFD# 112777-01 (4) Circuit Boards	1		4-24-02	DMSA 331-16 Removed from RFD# 112691-01
4/29	RFD# 112780-01 (1) Capacitor	1		4-29-02	DMSA 331-16 Removed from RFD# 112691-01
7/11	RFD# 113165-01 (10) Circuit Boards	1		7-11-02	DMSA 400-05 Removed from RFD# 112415-01
7/12	RFD# 113172-01 (11) Circuit Boards	1		7-12-02	DMSA 400-05 Removed from RFD# 112415-01
7/15	RFD# 113302-01 (23) Circuit Boards and Terminal Strips	1		7-15-02	DMSA 400-05 Removed from RFD# 112415-01
7/15	RFD# 113303-01 (22) Circuit Boards	1		7/15/02	DMSA 400-05 Removed from RFD# 112415-01
7/16	RFD# 112851-01 (23) Circuit Boards	1		7/16/02	DMSA 400-05 Removed from RFD# 112415-02
7/17	RFD# 113305-01 (20) Circuit Boards	1		7/17/02	DMSA 400-05 Removed from RFD# 112415-02
7/18	RFD# 113307-01 (25) Circuit Boards	1		7/18/02	DMSA 400-05 Removed from RFD# 112415-02
JR 2-19-03 7/19	~~RFD# 113311-01 (11) Circuit Boards~~	~~1~~		~~7/19/02~~	~~DMSA 400-05 Removed from RFD# 112415-02~~
	RFD# 113180-01 (6) Circuit Boards	1		7/23/02	DMSA 400-05 Removed from RFD# 113413-01 (2), RFD# 113413-02 (2), RFD# 113414-01 (2)
JR 12-5-02	~~RFD# 113183-01 (7) Circuit Boards~~	~~1~~			
7/24	RFD# 113183-01 (7) Circuit Boards	1		7/24/02	DMSA 400-05 (6) Removed from RFD# 113001 (1) Removed from RFD# 111301-01
7/25	RFD# 113193-01 (7) Circuit Boards	1		7/25/02	DMSA 400-05 Removed from RFD# 112226-01
8/6	RFD# 113805-01 Printed Circuit Board	1		8/6/02	DMSA ~~400-05~~ JR 12-5-02 333-21
8/8	RFD# 113813-01 (4) Relays	1		8/8/02	DMSA 333-~~19~~ 23 Removed from RFD# 112957-01
8/12	RFD# 113774-01 (4) Relays	1		8/12/02	DMSA 333-~~19~~ 23 Removed from RFD# 112958-01
8/13	RFD# 113765-01 (4) Relays	1		8/13/02	DMSA 333-~~19~~ 23 Removed from RFD# 112959-01
8/14	RFD# 113771-01 (1) Relay	1		8/14/02	DMSA 333-~~19~~ 23 Removed from RFD# 112953-01
8/29	RFD# 113986-01 (15) Circuit Boards	1		8/29/02	DMSA 310-02 Removed from RFD# 113675-01 (4), RFD# 113902-01 (3), RFD# 113914-01 (8)
8/30	RFD# 113988-01 (23) Circuit Boards	1	JR	8/30/02	DMSA 310-02 Removed from RFD# 113918, RFD# 113914, RFD# 113916, RFD# 113961, RFD# 113905, RFD# 113699

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE [ ] YES [X] NO	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
		N/A		ft³

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
	lbs	1 Plastic Liner	1A2/X430/S	N/A

119. CONTAINER GENERATOR SIGNATURE: Allen Ross

DATE:

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
2 OF 2		112831

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
112831-01	4/24/02	4/24/02	N/A

	15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
				DR 12-5-02	
9/4	RFD#113989-01 (15) Circuit Boards	1 bag	JR	9-4-02 12/5/02	DMSA 310-02 Removed from RFD#113918
9/9	RFD#113994-01 (1) Circuit Board	1		9-9-02	DMSA 310-02 Removed from RFD#113965-01
9/16	RFD#114001-01 (7) Circuit Boards	1		9-16-02	DMSA 310-02 Removed from RFD#113658 (5), RFD#113952 (2)
9/18	RFD#114041-01 (7) Circuit Boards	1		9/18/02	DMSA 310-02 Removed from RFD#113917 (6), RFD#113908 (1)
9/19	RFD#114045-01 (4) Circuit Boards	1	JR	9/19/02	DMSA 310-02 Removed from RFD#113917

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
	☐ YES ☒ NO	N/A	~~75~~	gal ~~ft³~~

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
	lbs	Plastic Liner	1A2/X430/S	N/A

119. CONTAINER GENERATOR SIGNATURE	DATE
Dini Ross	

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

ITEM/CONTAINER	OF	DOCUMENT ID NUMBER
1	1	112831-

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
112831-01	4-24-02	4-24-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
(12) circuit boards	1 bag	BJH/1e	4/24/02	RFD 112830-01 from RFD 111222-01
(30) capacitors	1 bag	EPT/1e	4/24/02	RFD 112826-01 from RFD 111222-01
(4) circuit boards	1 bag	RS/1e	4/24/02	RFD 112777-01 from C-33H6 RFD 112691
(1) RCRA capacitor	1 bag	SJ/1e	4/29/02	RFD 112780-01 from 112690-01
(1) Circuit board	1 bag	SJ by 1e	8/6/02	RFD 113805-01 from C-333-21
(15) circuit boards	1 bag	SJ by 1e	8/29/02	RFD 113986-01 from C-310-02
(23) circuit boards	1 bag	SJ by 1e	8/30/02	RFD 113988-01 from C-310-02
(15) circuit boards	1 bag	SJ by 1e	9/4/02	RFD 113989-01 from C-310-02 RFD 113918

Original log sheet VOID Contents combined with 113159-01

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PA002C05514	☐ YES ☒ NO	N/A		ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
145 lb	lbs	Plastic liner	1A2/Y430/S	N/A

119. CONTAINER GENERATOR SIGNATURE: Jeni Ross

DATE: 11-1-02

UCN-20700 PAGE 2

Collection Container	**112831**	C-752-A	RFD Copy Closed & Shipped
osed & Shipped 2/18/03	112777		C-331-16 RFD Copy Closed & Shipped
Circuit Boards & Small Capacitors	112826		C-333-31 RFD Copy Closed & Shipped
	112830		C-333-31 RFD Copy Closed & Shipped
Collection Container	112851		C-400-05 RFD Copy Closed & Shipped
113159 Consolidated into 112831	113165		C-400-05 RFD Copy Closed & Shipped
	113172		C-400-05 RFD Copy Closed & Shipped
	113180		C-400-05 RFD Copy Closed & Shipped
	113183		C-400-05 RFD Copy Closed & Shipped
	113193		C-400-05 RFD Copy Closed & Shipped
	113302		C-400-05 RFD Copy Closed & Shipped
	113303		C-400-05 RFD Copy Closed & Shipped
	113305		C-400-05 RFD Copy Closed & Shipped
	113307		C-400-05 RFD Copy Closed & Shipped
	113765		C-333-23 RFD Copy Closed & Shipped
	113772		C-333-23 RFD Copy Closed & Shipped
	113774		C-333-23 RFD Copy Closed & Shipped
	113805		C-333-21 RFD Copy Closed & Shipped
	113813		C-333-23 RFD Copy Closed & Shipped
	113986		C-310-02 RFD Copy Closed & Shipped
	113988		C-310-02 RFD Copy Closed & Shipped
	113989		C-310-02 RFD Copy Closed & Shipped
	113994		C-310-02 RFD Copy Closed & Shipped
	114001		C-310-02 RFD Copy Closed & Shipped
	114041		C-310-02 RFD Copy Closed & Shipped
	114045		C-310-02 RFD Copy Closed & Shipped

Collection Container
osed & Shipped 2/18/03

113159

Consolidated into CC # 112831

Shipped 8 10 00

KRD

DOE

Request For Disposal

~~HAZARDOUS WASTE~~
Non-haz JLL 1/10/03

Document ID Number
113159

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
Alisa Hagen	662537	5236	C743-TR1	NA

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
Weskem	DOE	PGDP	C-400	C400-05	☒ Yes ☐ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	NA	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT007	PGDP	~~C-400~~ C-752	~~C400-05~~	☐ A ☒ B ☐ C

Waste Subcategories (Check all that apply) C-752 A

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA		✓
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. Collection Container for ~~PCB (TSCA) Capacitors~~ AH 7-10-02 RCRA CIRCUIT BOARDS

PAD 02C05014

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
NA	Alisa L. Hagen	~~7-8-02~~ 7-10-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
NA	NA	NA

P4. PPE Requirements
NA

P5. Container-Labeling Requirements ✓ PAD BARCODE AND WCL

✓ RCRA	✓ ~~PCB~~ AH 7-10-02	___ DET PCB (<50ppm & source <50ppm)	___ RAD	✓ DOE
___ FISSILE	___ NCS EXEMPT	___ RD CONFIDENTIAL	___ ACID	___ USEC
___ FLAMMABLE	___ COMBUSTIBLE	___ OXIDIZER	___ BASE	___ WESKEM
___ ASBESTOS	___ REACTIVE	___ TRANSURANIC	___ NON-HAZ	

P6. Additional Handling Instructions Verify labeling, location, barcode

Reference FWR 6074
Origin Date ~~7-9-01~~ 7-10-
PCB Start Date ~~7-10-02~~ AH 7-10-0
RCRA Start Date ~~NA~~ AH 7-10-02

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
Alisa L. Hagen	662537				
P9. Field Supervisor	**Badge**	**Date**	**P10. Data Processing Completed By**	**Badge**	**Date**

P11. Waste Item Information
Waste Item No. 113159-01
Container No. (Barcode) PAD02C05014
Weight
Location and Grid
Container Size 7.4 ft³

P12. Operator Comments
Contents were consolidated into RFD 112831 per T. Ross.
JLL 1/10/03

BJCF-515a (03/01)

DMS NON-RAD WITS

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 113159

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH	B6. CORROSIVITY TO STEEL mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s)	B7. FLASHPOINT ☐ C ☐ F	B8. BOILING POINT ☐ C ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☒ NO CONC. ppm	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ☐ YES ☒ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER
R1. ANALYSIS SAMPLE ID NO.	
R2. PROCESS KNOWLEDGE FORM NO.	0210, 0224

R3. FISSLE CONTENT (Wt% U-235)	R4. GRAMS U-235	R5. NCS EXEMPT	R5. CHEMICAL FORM
NA	NA	☒ YES ☐ NO	NA

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.		T3. RCRA WASTE	✓	
		T4. TSCA WASTE		X
T2. PROCESS KNOWLEDGE FORM NO.	JB 11-1-97 ~~0210, 0224~~ 0239	T5. UNDERLYING HAZARDOUS CONSTITUENTS		X

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☒ NO	ppm	ppm	☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: YES - Individual Surveys are attached to internal RFDS

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM ☐ A ☐ AC ☐ B ☐ C	X2. WASTE STREAM ID	X3. FORM CODE	X4. SOURCE CODE
X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA ☐ YES ☐ NO
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS / X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME			
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS / X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME			

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 113159

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH	B6. CORROSIVITY TO STEEL mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s)	B7. FLASHPOINT ☐ C ☐ F	B8. BOILING POINT ☐ C ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☒ NO CONC. ppm	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ☐ YES ☒ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.			
R2. PROCESS KNOWLEDGE FORM NO.	0210, 0224		
R3. FISSLE CONTENT (Wt% U-235) NA	R4. GRAMS U-235 NA	R5. NCS EXEMPT ☒ YES ☐ NO	R5. CHEMICAL FORM NA

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.		T3. RCRA WASTE	✓	
		T4. TSCA WASTE		X
T2. PROCESS KNOWLEDGE FORM NO.	0210, 0224 0239	T5. UNDERLYING HAZARDOUS CONSTITUENTS		X
T6. PCBs PRESENT ☐ YES ☒ NO	T7. PCB CONCENTRATION ppm	T8. PCB SOURCE CONCENTRATION ppm	T9. PCB SOURCE CONCENTRATION RANGE (ppm) ☐ 50-499.99 ☐ >=500	

T10. KNOWN HAZARDOUS CONSTITUENTS

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: YES - Individual Surveys are attached to internal RFDS

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM ☐ A ☐ AC ☐ B ☐ C	X2. WASTE STREAM ID	X3. FORM CODE	X4. SOURCE CODE
X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA ☐ YES ☐ NO
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS / X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME			
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS / X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME			

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

(59)

Non-Rad

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
1 OF 1	113159

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
113159-01	7-10-02	7-10-02	NA

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
RFD 113165-01				
101 BAG Circuit Boards	1 Bag	M.S.	7-11-02	From C-400-05 RFD 112415-01
113176 99 Circuit Boards	1 Bag	J.P.	7-12-02	From C-400-05 RFD 112415-01
13302 23 circuit boards and terminal strips	1 bag	B.O	7-15-02	400-05 RFD 112415-01 112415
33032 2 circuitboards	1 bag	B.O	7-15-02	400-05 RFD 112415-01 112415
8851 23 circuit boards	1 bag	M.S	7-16-02	C-400-05 DMSA From RFD 112415-02
3305 20 circuit boards	1 bag	BS	7-17-02	400-05 From RFD 112415-02
3307 25 circuit boards	1 bag	M.S	7-18-02	400-05 From RFD 112415-02
311 11 Circuit boards	1 bag	B.O	7-19-02	400-05 From RFD 112415-02
1180 6 Circuit boards	1 bag	BS	7-23-02	400-05 From RFD 113413-02
1183 7 circuit boards	1 bag	M.S	7-24-02	400-05 From RFD ~~113165-01~~ 113301
193 7 circuit boards	1 bag	J.P.	7-25-02	DMSA 400-05 From RFD# 112226-01
1114 Relays (1 bag)	4	Ja	8-12-02	DMSA 333-19 RFD ~~112958~~
11 Relays	4	DLE	8-13-02	RFD ~~113768-01~~ From RFD 112959 DMSA 333-
3772 Relays	1	JJ	8-14-02	RFD 113772-01 333-19 from RFD 112953-
~~2 Circuit Boards~~	~~2~~	Cmc	~~8/23/02~~	~~RFD 113980 From C-400-05~~ Placed in RFD 113785 Collect 10/30
~~Circuit Board~~	~~1~~	Cmc	~~9/9/02~~	~~RFD 113994-01~~ 113159 C-310-02
4001 Circuit Boards (7)	1 bag	DW	9-16-02	5 from 113658-01 & 2 from 113962 C-3
4041 6 Circuit Boards	1 Bag	TP	9-18-02	6 From 113917-01 + 1 From 113918-01 C3
14045 4 Circuit Board	1 Bag	Cmc	9/9/02 (9-19-02)	From New RFD 114045 C3.10-02 from 113917
				Full 10/22/02
				Contents were consolidated into Collection RFD 112831-01 for shipment

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD02C05014	☐ YES ☒ NO	NA	7.4	ft³

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
	lbs	plastic	1A2/X430/S	NA

119. CONTAINER GENERATOR SIGNATURE: [signature] DATE: 9/19/02

UCN-20700 PAGE 2

RFD Shipped to HCKL 2-18-03

HAZARDOUS WASTE

DOE

Request For Disposal

Document ID Number 114327

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WC
R G Futrell	705319	5303	C-743 T1	N/A

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
WesKem	DOE	PGDP	C-752-A	C-752-A	☐ Yes ☒ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	N/A	Solid

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT007, MT005	PGDP	C-752 A	C-752-A	☐ A ☒ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	X	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. ~~55gal Waste~~ 5 gallon was repackaged for Vacuum Tubes

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
N/A	R G Futrell	10-15-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area

P4. PPE Requirements

P5. Container-Labeling Requirements ✓ NCL

✓ RCRA	___ PCB	___ DET PCB (<50ppm & source <50ppm)	___ RAD	✓ DOE
___ FISSILE	___ NCS EXEMPT	___ RD CONFIDENTIAL	___ ACID	___ USEC
___ FLAMMABLE	___ COMBUSTIBLE	___ OXIDIZER	___ BASE	___ WESKEM
___ ASBESTOS	___ REACTIVE	___ TRANSURANIC	___ NON-HAZ	

P6. Additional Handling Instructions

Reference FWR
Origin Date
PCB Start Date
RCRA Start Date

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
Gary Futrell	705319	10/17/02	Rodney Stevens	705810	10-17-02
P9. Field Supervisor	**Badge**	**Date**	**P10. Data Processing Completed By**	**Badge**	**Date**
Brett D Fut	705902	10/17/02	Melanie West	707669	11-1-02

P11. Waste Item Information

Waste Item No. 114327-01
Container No. (Barcode) Pad02C06014
Weight 23
Location and Grid C-752-A
Container Size 7 FT3 167

REVIEWED FOR CLASSIFICATION

CWW 11-6-02
Initials Date

WITS Completed
MW 11-1-02

BJCF-515a (03/01) JR 2/14/03

NON-RAD

Collection
Date Closed:
Final Wgt:

UNCLASSIFIED

DMSA

received
CW 10-22-02

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 114327

PROHIBITED ITEMS

B1. CHEMICALLY INCOMPATIBLE SUBSTANCES: [ ] YES [X] NO

B2. WASTE VARIANCE REQUEST NUMBER(s): N/A

ADDITIONAL WASTE CHARACTERISTICS

B3. CHELATING AGENTS: [ ] YES [X] NO

B4. ION EXCHANGE RESINS: [ ] YES [X] NO

B5. pH: N/A

B6. CORROSIVITY TO STEEL: N/A mm/yr

B7. FLASHPOINT: N/A F

B8. BOILING POINT: N/A F

B9. DETECTABLE PCB (Source <50 ppm): [ ] YES [X] NO CONC. ppm

B10. WASTEWATER: [ ] YES [X] NO

B11. RADIOACTIVE: [ ] YES [X] NO

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER
R1. ANALYSIS SAMPLE ID NO.	N/A
R2. PROCESS KNOWLEDGE FORM NO.	

R3. FISSLE CONTENT (Wt% U-235): N/A

R4. GRAMS U-235: N/A

R5. NCS EXEMPT: [X] YES [ ] NO

R5. CHEMICAL FORM: N/A

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.		T3. RCRA WASTE	✓	
		T4. TSCA WASTE		✓
T2 PROCESS KNOWLEDGE FORM NO.	See factsheet	T5. UNDERLYING HAZARDOUS CONSTITUENTS		✓

T6. PCBs PRESENT: [ ] YES [X] NO

T7. PCB CONCENTRATION: N/A ppm

T8. PCB SOURCE CONCENTRATION: N/A ppm

T9. PCB SOURCE CONCENTRATION RANGE (ppm): [ ] 50-499 [ ] >=500

T10. KNOWN HAZARDOUS CONSTITUENTS: Mercury, Lead, Cadmium, phosphorus JR 2/4/03

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS:

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: Yes

R8. TRANSFERABLE (Alpha): dpm/100cm2

R9. FIXED (Alpha): dpm/100cm2

R10. TRANSFERABLE (Beta/Gamma): dpm/100cm2

R11. FIXED (Beta/Gamma): dpm/100cm2

R12. EXTERNAL DOSE/PACKAGE CONTACT: MREM/HR

R13. DOSE RATE: MREM/HR @ METERS (B/G)

R14. HP SIGNATURE:

R15. SURVEY NUMBER:

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM: [ ] A [ ] AC [ ] B [X] C

X2. WASTE STREAM ID: PA-J020

X3. FORM CODE: B307

X4. SOURCE CODE: A59

X5. HANDLING CODE: S01

X6. LDR CODE:

X7. REACTIVITY GROUP NUMBER: 23,24

X8. GENERATED FROM A NON-RMMA: [ ] YES [X] NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	-	D009	N/A

X14. SUBSTANCE NAME: MERCURY

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	-	D008	N/A

X14. SUBSTANCE NAME: LEAD

[X] X15. CONSITUENT CONTINUATION SHEET(s) 1 THROUGH 1 ATTACHED.

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER		OF	DOCUMENT ID NUMBER
1			114327

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
114327-01	2-18-02	2-18-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
Vacuum Tube 112284-01	1	RGF	2-18-02	from 400-05 DD0038
Vacuum Tubes 112101-01	32	↑	2-18-02	from 333-31 114327-01
Vacuum Tubes 112285-01	2		2-18-02	from 400-05
Vacuum Tubes 112282-01	2		2-18-02	from 400-05 DD 0026
Vacuum Tubes 112280-01	3		2-18-02	from 400-05
Vacuum Tubes 114329-01	1		7-12-02	from 400-05 112415-01
Vacuum Tubes 114328-01	4		7-24-02	from 400-05 111301-01
Vacuum Tubes 113859-01	17		8-13-02	from 331-05 113855-01
Vacuum Tubes 113872-01	26	↓	8-14-02	from 331-05 113855-01
				RGF

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
P-d02c06014	☐ YES ☒ NO		7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
	lbs	Plastic	1A2/X430/S	

119. CONTAINER GENERATOR SIGNATURE	DATE
R A Dutcalf	11-5-02

UCN-20700 PAGE 2

CONSTITUENT CONTINUATION SHEET

(Continuation Page 1 of 1)

DOCUMENT ID NUMBER 114327

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME CADMIUM	—	—	D006	N/A
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				

Collection Container SAA	**114327**	C-752-A	RFD copy Closed & Shipped	D2
Closed & Shipped 2/18/2003	112101		C-333-31 RFD copy Closed & Shipped	D2
Vacuum Tubes	112280		C-400-05 RFD copy Closed & Shipped	D2
	112282		C-400-05 RFD copy Closed & Shipped	D2
	112284		C-400-05 RFD copy Closed & Shipped	D2
	112285		C-400-05 RFD copy Closed & Shipped	D2
	113859		C-331-05 RFD copy Closed & Shipped	D2
	113872		C-331-05 RFD copy Closed & Shipped	D2
	114328		C-400-05 RFD copy Closed & Shipped	D2
	114329		C-400-05 RFD copy Closed & Shipped	D2

received 5-27-03 LM

received

438064

Please print or type.

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. K Y 8 8 9 0 0 0 8 9 8 2 — Manifest Document No. 0 0 4 5 8

2. Page 1 of 2

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
US DOE c/o WESKEM, LLC
5600 HOBBS ROAD
PADUCAH, KY 42002

4. Generator's Phone (270) 441-5308

A. State Manifest Document Number: NA

B. State Generator's ID: same

5. Transporter 1 Company Name: Hittman Transportation Services, Inc.

6. US EPA ID Number: T N D 9 8 7 7 8 3 0 6 5

C. State Transporter's ID: same

D. Transporter's Phone: 1-800-448-8626

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Envirocare of Utah, Inc.
Clive Disposal Site
Interstate 80, Exit 49
Clive, UT 84029

10. US EPA ID Number: U T D 9 8 2 5 9 8 8 9 8

G. State Facility's ID: same

H. Facility's Phone: (435) 884-0155

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	Waste, Radioactive Material, low specific activity (LSA-II) fissile-excepted, 7, UN3321, Solid, Oxides, 26.1 MBq, Pa-234m, Tc-99, Th-234, U-234, U-238	X	0 0 5	C M	0 5 7 9 7	K	D006 D008 D009 D010 D011
b.	See continuation page for individual package activities.						
c.							
d.							

J. Additional Descriptions for Materials Listed Above
Waste Stream No 9306-02

K. Handling Codes for Wastes Listed Above
M112/H112

15. Special Handling Instructions and Additional Information

Emergency Response Phone # 1-800-424-9300 (CHEMTREC) Dike and Contain Spills. In the event of an RQ release, contact the National Response Center 1-800-424-8802. Alternate TSDRF: Return to Generator.
11a) ERG# 162 SEAL # 058103, 058120 9306-02-PM00110 PM00111

Exclusive Use Shipment Shipment ID 9306-02-0001

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name: Greg McGowan On behalf of US DOE — Signature: Gregory M. McGowan — Month Day Year: 0 5 0 6 0 3

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Gerald Madeira — Signature: Gerald Madeira — Month Day Year: 0 5 0 6 0 3

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: J. King — Signature — Month Day Year: 0 5 0 9 0 3

EPA Form 8700-22 ORIGINAL - RETURN TO GENERATOR

5-27-03 RM

PGDP MANIFEST NUMBER 00458
PCB ATTACHMENT pg 2 of 2

SHIPMENT DATE May 6,2003

Container No.	Gross lbs	Net lbs	Activity mCi	PCB Date	PSN	Class	UN No.	Container Type	EPA Codes
109901-01	2892	1537.5	0.180338615	8/10/2000	Waste, Radioactive Material, low specific activity (LSA-II), fissile-excepted	7	UN3321	7A Type A	D006 D008 D011
109901-02	2408	847	0.103870444	5/7/2002	Waste, Radioactive Material, low specific activity (LSA-II), fissile-excepted	7	UN3321	7A Type A	D006 D008
109901-03	2634	1217	0.155277327	1/15/2002	Waste, Radioactive Material, low specific activity (LSA-II), fissile-excepted	7	UN3321	7A Type A	D006 D008 D010 D011
109901-04	2704	1323.5	0.138079507	8/10/2001	Waste, Radioactive Material, low specific activity (LSA-II), fissile-excepted	7	UN3321	7A Type A	D006 D008 D009 D011
109901-05	2140	823	0.126765412	6/11/2001	Waste, Radioactive Material, low specific activity (LSA-II), fissile-excepted	7	UN3321	7A Type A	D006 D008 D009 D011

RFD PCB DOE

Request For Disposal HAZARDOUS WASTE

Document ID Number 109901

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
Mike Zeiss	31944	5106	7431	01-0316-001-0001

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
Weskem	DOE	Pad	C-410		☐ Yes ☑ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
5			—	Solid

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT011, MT004, MT007	Pad	C-752-A		☐ A ☑ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓*	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA	✓*				

Waste Description / Comments

W32. Repackaged PCB/HAZ waste debris for shipment to Envirocare. (40m3 project, WR316) vacuum cleaning dust/dirt, circuit boards, PCB small capacitors/light ballast, PCB contaminated wire/cable + light fixtures
Consolidated RFDs:

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
NA	Mike Zeiss	5-3-03

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
	752-A	

P4. PPE Requirements: See FWR 6386

REVIEWED FOR CLASSIFICATION

P5. Container-Labeling Requirements

✓ RCRA ✓ PCB ___ DET PCB (<50ppm & source <50ppm) ✓ RAD ✓ DOE
___ FISSILE ___ NCS EXEMPT ___ RD CONFIDENTIAL ___ ACID ___ USEC
___ FLAMMABLE ___ COMBUSTIBLE ___ OUTER ___ BASE ___ WESKEM
___ ASBESTOS ___ REACTIVE ___ TRANSURANIC ___ NON-HAZ

6-5-03 Name Date

UNCLASSIFIED

P6. Additional Handling Instructions: Prepare new containers for shipment

Reference FWR 6458
Origin Date 5/3/03
PCB Start Date per logsheets
RCRA Start Date per logsheets

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
JR Layne	60721	5/6/03	[illegible]	3425	5-20-03

P9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date
[illegible]	704287	05/21/03	[illegible]	205851	5-29-03

P11. Waste Item Information
Waste Item No. 109901-01
Container No. (Barcode) PAD03C01034
Weight 2892 LBS
Location and Grid
Container Size 37 Ft boxes

P12. Operator Comments
109901-02
PAD03C01032
2408 LBS

109901-03
PAD03C01035
2634 LBS

BJCF-515a (03/01) Serial No:
109901-04
PAD03C01033
2,704 LBS

WITS Completed [illegible] 5-29-03

109901-05
PAD03C00730
2140 LBS.

received [illegible] 5-6-03

and/or

Toxic Substances Control Act (TSCA) Waste

Attachment B

Document ID Number 109901

Prohibited Items	Additional Waste Characteristics			
B1. Chemically Incompatible Substances ☐ Yes ☑ No	B3. Chelating Agents ☐ Yes ☑ No	B4. Ion Exchange Resins ☐ Yes ☑ No	B5. pH NA	B6. Corrosivity to Steel NA mm/yr
B2. Waste Variance Request Number(s)	B7. Flashpoint C F	B8. Boiling Point C F	B9. Detectable PCB (Source <50 ppm) ☐ Yes ☑ No Conc. ppm	B10. Wastewate ☐ Yes ☑ No
	B11. Radioactive ☑ Yes ☐ No			

Radioisotope Determination Method

Document Type	Document Number(s)			
R1. Analysis Sample ID Number	See shipping papers & project worksite, 40m³ + individual RFDs.			
R2. Process Knowledge Form Number				
R3. Fissile Content (Weight % U-235) <1%	R4. Grams U-235	R5. NCS Exempt ☑ Yes ☐ No	R6. Chemical Form	

RCRA/TSCA Determination Method

Document Type	Document Number(s)	Determination
T1. Analysis Sample ID Number	Small capacitors >500 ppm PCBs light ballast >500 ppm PCBs vacuum dust >50 ppm PCBs wire/cable >500 ppm PCB	T3. RCRA Waste ☑ Yes ☐ N
		T4. TSCA Waste ☑ Yes ☐ N
T2. Process Knowledge Form Number		T5. Underlying Hazardous Constituents ☑ Yes ☐ N

T6. PCBs Present	T7. PCB Concentration	T8. PCB Source Concentration	T9. PCB Source Concentration Range
☑ Yes ☐ No	ppm	ppm	☐ 50-499.99ppm ☑ >=500ppm

T10. Known Hazardous Constituents

T11. Known Underlying Hazardous Constituents

Radiation Data from Health Physics (HP) Survey Surface Contamination (Data Supplied by HP)

R7. HP Survey Required ☐ Yes ☐ No

R8. Transferable (Alpha) dpm/100cm²	R9. Fixed (Alpha) dpm/100cm²
R10. Transferable (Beta/Gama) dpm/100cm²	R11. Fixed (Beta/Gama) dpm/100cm²
R12. External Dose/Package Contact mrem/hr	R13. Dose Rate mrem/hr @ meters (B/G)
R14. HP Signature	R15. Survey Number

Regulatory Codes (Completed by Waste Management)

X1. PCB Item	X2. Waste Stream ID	X3. Form Code	X4. Source Code
☐ A ☐ AC ☐ B ☑ C	PA-J020	W002	G19

X5. Handling Code	X6. LDR Code	X7. Reactivity Group Number	X8. Generated from a Non-RMMA
S01		23,24	☐ Yes ☑ No

X9. Substance ID	X10. Concentration	X11. Units	X12. EPA Code(s)	X13. Underlying Hazardous Constituents
	–	–	D006	N/A

X14. Substance Name CADMIUM

X9. Substance ID	X10. Concentration	X11. Units	X12. EPA Code(s)	X13. Underlying Hazardous Constituents
	–	–	D008	N/A

X14. Substance Name LEAD

X15. Constituent Continuation Sheet(s) ☒ Yes ☐ No through attached.

BJCF-628 (09/02)

CONSTITUENT CONTINUATION SHEET

(Continuation Page 1 of 1)

DOCUMENT ID NUMBER 109901

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D009	N/A

X14. SUBSTANCE NAME
MERCURY

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D010	N/A

X14. SUBSTANCE NAME
SELENIUM

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D011	N/A

X14. SUBSTANCE NAME
SILVER

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

WASTE ITEM CONTAINER LOG

Box I

10. ITEM/CONTAINER	OF	DOCUMENT ID NUMBER
1	5 + JRW 5/14/03	109901

11. WASTE ITEM ID NO	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
109901-01	5-3-03	6-21-01	1-16-00

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
Vacuum Dust.	30 Drum	AT.	5-3-03	D006, D008 RFD 105325-04, -05 D006, D00 RFD 103963-0
Light Fixtures	2 Drum	AT.	5-3-03	RFD 106252-03, 106181-02
Cir. Boards	3 Drum	AT.	5-3-03	D008, D011 RFD 105303-01, -02, D008, D011, RFD 105301-0
Computer. Parts	2 Drum	AT.	5-3-03	D008 " RFD 105302-01, -02
Light Bulbs Foser	1 Drum	AT.	5-3-03	RFD 110321-01
PCB Ballist. Lights	2 Drum	AT.	5-3-03	Non RCRA RFD 101839-01, 111842-01
See number	175557			

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD03C01034	☐ YES ☒ NO —	—	—	—

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. ~~TANK~~ SEAL NUMBER
2892	LBS	—	7A Type A Box	

119. CONTAINER GENERATOR SIGNATURE [signature] DATE 5-3-03

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

B04 TL

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
2 OF 5		109901

11. WASTE ITEM ID NO	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
109901-02.	5-3-03.	5-7-02	5-7-02

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
Lights Fixtures	1 Box	A.T	5-3-03	RFO id. 086-03
Vacuum Dust.	2 Drum	A.T.	5-3-03	RFO 105 305-01, -011 D006, D008
Ser. number	167931			

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS?	QUANTITY	TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD03C01032	☐ YES ☑ NO	—		—	—	—

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. ~~TANK~~ SEAL NUMBER
2408	LBS	—	7A Type A, Box	

119. CONTAINER GENERATOR SIGNATURE

DATE 5-3-03

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

Box III

JRL 5/14/03

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
3 + OF 5 +	109901

11. WASTE ITEM ID NO	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
109901-03	5-3-03	5-15-00	1-15-02

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
PCB Lights Ballast.	1 Drum	AT	5-3-03	RFD 101350-01 Non RCRA
Vacuum Dust.	3 Drum	AT	5-3-03	RFD 105305-02, -08, -12 D006, D008
Lights Fixtures.	1-Drum	AT	5-3-03	RFD ~~181-03~~ 106181-03
Rotary switches	1-Drum	AT	5-3-03	RFD 113186-01 D008, D010
Bulbs & Fuses	1-Drum	AT	5-3-03	RFD 112096-01
Cir Boards	3-Drum	AT	5-3-03	RFD 105307-03, -01, -02 D008, D011
Color Monitor.	2-Drum	AT	5-3-03	RFD 105306-02, -01 D008, D011

Sol. Number 167932

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS?	QUANTITY	TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD03C01035	☐ YES ☒ NO	—	—	—	—	—

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. ~~TAMK~~ SEAL NUMBER
2634	LBS	—	7A Type A Box.	

119. CONTAINER GENERATOR SIGNATURE [signature] DATE 5-3-03

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

Box III JLW 5/14/03

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
4 OF 5	109901

11. WASTE ITEM ID NO	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
109901-04	5-3-03	10-12-01	2-27-01

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
Light Fixtures		AT	5-3-03	RFD 106052-01
Vacuum Dust		AT.	5-3-03	RFD 105305-06, -07, -09 D006, D008
Lights Ballast		AT.	5-3-03	RFD 112850-01, 103380-01 D006, D008, D009, D011
Vacuum tubs		AT	5-3-03	RFD 103191-01
Cir. Boards		AT.	5-3-03	RFD 110478-01, 105308-01, 113170- D006, D008, D009, D011 110674
Bulbs.		AT.	5-3-03	RFD 112294-01 D006, D008, D009
Set. Number	75542			

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS?	QUANTITY	TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD03CD1033	☐ YES ☑ NO	—		—	—	—

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. ~~TANK~~ SEAL NUMBER
3704	LBS	—	7A Type A Box	

119. CONTAINER GENERATOR SIGNATURE [signature] DATE 5-3-03

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

Box E

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
5 OF 5		109901

11. WASTE ITEM ID NO	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
109901-05	5-3-03	6-11-01	5-7-02

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
Vacuum Dust.	1 Drum	AT.	5-3-03	D006, D008 105305-03, -010
Lights Fixtures	2 Drum	AT.	5-3-03	RFD 106252-02, 106181-01
Vacuum Tubes	1 Drum	AT.	5-3-03	RFD 113999-01 D006, D008, D009
Circuit Boards	3 Drum	AT.	5-3-03	D6, 8, 9, 11 RFD 113777-01 D6, 8, 9, 11 113785-01 110126-01
Light Bulbs	1 Box	AT.	5-3-03	D006, D008 RFD 105026-01
Ser. Number	175552			

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS?	QUANTITY	TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD03C00730	☐ YES ☒ NO	—		—	—	—

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. ~~TAMK~~ SEAL NUMBER
2140	LBS	—	7A Type A Box	

119. CONTAINER GENERATOR SIGNATURE

DATE 5-3-03

DOE

Request For Disposal

HAZARDOUS WASTE

Ship May 2, '03
Envirocare

to Original Randy 9-12-01

RFD 5

Document ID Number
110321

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
Terri Ross	31871	5325	C7431	

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
WESKEM	DOE	PGDP	~~C-331~~ Areas	AREAS	☒ Yes ☐ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
	LEG	A93	N/A	Solid

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT005, MT007	PGDP	C-752A	C-02	☐ A ☒ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. light bulbs from DMSAs
Collection drum

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

Generation Plan No.	W34. Generator's Signature	Date
	Terri Ross	8/8/01

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area

P4. PPE Requirements

P5. Container-Labeling Requirements

____ RCRA	____ PCB	____ DET PCB (<50ppm & source <50ppm)	____ RAD	____ DOE
____ FISSILE	____ NCS EXEMPT	____ RD CONFIDENTIAL	____ ACID	____ USEC
____ FLAMMABLE	____ COMBUSTIBLE	____ OXIDIZER	____ BASE	____ WESKEM
____ ASBESTOS	____ REACTIVE	____ TRANSURANIC	____ NON-HAZ	

P6. Additional Handling Instructions

Reference FWR
Origin Date
PCB Start Date
RCRA Start Date

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date

P9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date

P11. Waste Item Information

Waste Item No. ____
Container No. (Barcode) ____
Weight ____
Location and Grid ____
Container Size ____

P12. Operator Comments

Contents of 114012 were deposited into this container for shipping
TR 5/5/03

BJCF-515a (03/01)

DMSA

WITS Completed

received

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	1 OF 4	DOCUMENT ID NUMBER 110321-01

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
110321-01	6-21-01	6-21-01	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
cathode ray tube RFD 110107-01	1 bag		6/21/01	from C-331-15-128
light bulb ends(4) RFD 110098-01	1 bag		6/28/01	from RFD 110094-01 from DMSA C-331-15-341
bulbs (3) RFD 110322-01	1 bag		6/29/01	from C-331-15 found in zone 2 in drawer of cabinet
bulbs (2) RFD 110395-01	1 bag		7/27/01	from C-335-05 zone 16
bulbs (7) RFD 110477-01	1 bag		8/3/01	from C-335-04 zone 2
bulbs (9) RFD 110552-01	1 bag		8/10/01	from RFD# 110040-01 DMSA C-331-15-274
(12) bulbs (2) fuses RFD 110565-01	1 bag		8/10/01	from RFD 110034-01 DMSA C-331-15-325
fuse (1) RFD 110571-01	1 bag		8/16/01	from ~~110105-01~~, 110112-01 DMSA C-331-15
fuses (3) RFD 110347-01	1 bag		8/17/01	from RFD 110105-01 C-331-15
light bulb (1) RFD 110776-01	1 bag		8/17/01	from RFD 110117-01 C-331-15
light bulbs (5) RFD 110779-01	1 bag		8/20/01	from RFD 110106-01 DMSA C-331-15
fuses (3) RFD 110778-01	1 bag		8/20/01	from RFD 110106-01 DMSA C-331-15
spool of resin solder RFD 107677-01	1 bag		8/29/01	from C-333-31

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? ☐ YES ☒ NO QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD01C02236				

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER

119. CONTAINER GENERATOR SIGNATURE	DATE

COPY

(13)

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	1 OF 4	DOCUMENT ID NUMBER 110321-01

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
110321-01	6-21-01	6-21-01	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
~~vacuum~~ ~~cathode ray~~ tube	1 bag		6/21/01	from C-331-15-128
RFD 110107-01				
light bulb ends (4)	1 bag		6/28/01	from RFD 110094-01
RFD 110098-01				from DMSA C-331-15-341
bulbs (3)	1 bag		6/29/01	from C-331-15 found in zone 2
RFD 110322-01				in drawer of cabinet
bulbs (2)	1 bag		7/27/01	from C-335-05 zone 16
RFD 110395-01				
bulbs (7)	1 bag		8/3/01	from C-335-04 zone 2
RFD 110477-01				
bulbs (9)	1 bag		8/10/01	from RFD# 110040-01
RFD 110552-01				DMSA C-331-15-274
(12) bulbs (2) fuses	1 bag		8/10/01	from RFD 110034-01
RFD 110565-01				DMSA C-331-15-325
fuse (1)	1 bag		8/16/01	from ~~110105-01~~, 110112-01
RFD 110571-01				DMSA C-331-15
fuses (3)	1 bag		8/17/01	from RFD 110105-01
RFD 110347-01				C-331-15
light bulb (1)	1 bag		8/17/01	from RFD 110117-01
RFD 110776-01				C-331-15
light bulbs (5)	1 bag		8/20/01	from RFD 110106-01
RFD 110779-01				DMSA C-331-15
fuses (3)	1 bag		8/20/01	from RFD 110106-01
RFD 110778-01				DMSA C-331-15
spool of rosin solder	1 bag		8/29/01	from C-333-31
RFD 107677-01				

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD01C02236	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
93	LBS	plastic liner	1A2/X430	N/A

119. CONTAINER GENERATOR SIGNATURE: Geri Ross

DATE: 11-5-02

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
2 OF 4	110321-01

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
110321-01	6-21-01		

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
✓Fuse (1) RFD 110759-01	1 Bag		9/20/01	from C-333-31 Zone 31
✓Fuse (4) RFD 110666	1 Bag		10/9/01	from RFD 110655 OS-09
✓light bulbs (3) RFD 110667	1 Bag		10/9/01	from 110655 OS-09
✓Fuses (3) RFD 110669	1 Bag		10/10/01	from RFD 110498 OS-09
✓Bulbs (2) RFD 110670	1 Bag		10/10/01	from RFD 110498 OS-09
✓Fuses (3) RFD 110879	1 Bag		10/12/01	from RFD 110493 OS-09
✓light bulbs (5) RFD 110671	1 Bag		10/12/01	from RFD 110441 DMSA C-337-30
✓light bulbs (1) RFD 110937	1 Bag		10/12/01	from C-409-02 Oven 2
✓Fuses (3) RFD 111151	1 Bag		10/15/01	from RFD 110494 OS-09
✓Fuses (3) RFD 111152	1 Bag		10/16/01	from RFD 110495 OS-09
✓Lamps (3) Bulbs (3) RFD 111153	1 Bag		10/16/01	from 110495 OS-09
✓light bulbs (8) RFD 111154	1 Bag		10/17/01	from RFD 110492 OS-09
✓light bulb (1) RFD 110967-01	1 Bag		10/18/01	from DMSA 409-02 Oven 3

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD01C02236	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
93	lbs	plastic liner	1A2 X430	N/A

119. CONTAINER GENERATOR SIGNATURE: Gene Ross

DATE: 11/5/02

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
3 OF 4		110321-01

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
110321-01	6-21-01		

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
✓light bulbs (7) RFD 111155	1Bag.		10/18/01	from RFD 110657 OS-09
✓Fuses (6) RFD 111156	1Bag.		10/18/01	from RFD 110657 OS-09
✓Fuses (3) RFD 111158	1Bag		10/18/01	from RFD 110657 OS-09
✓Battery Post (1) RFD 111160	1Bag.		10/18/01	from RFD 110657 OS-09
✓Metal marker (1) RFD 111162	1Bag.		10/19/01	from RFD 110490 OS-09
✓Light bulbs (13) RFD 111163	1Bag.		10/19/01	from RFD 110490 OS-09
✓Wheel weights (2) RFD 111164	1Bag.		10/19/01	from RFD 110490 OS-09
✓Light bulbs (8) RFD 111165	1Bag.		10/22/01	from RFD 110489 OS-09
✓Light bulbs (2) RFD 111166	1Bag.		10/22/01	from RFD 110489 OS-09
✓Light bulbs (8) RFD 111167	1Bag.		10/23/01	from RFD 100487 OS-09
✓Vacuum tubes (16) RFD 111314	1Bag.		11/7/01	from 400-05
✓Light bulbs (13) RFD 111315	1Bag		11/7/01	from 400-05
✓Fuses (13) RFD 111305	1Bag		11/7/01	from 400-05

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PADOIC02236	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
93	lbs	plastic liner	1A2/Y430	N/A

119. CONTAINER GENERATOR SIGNATURE	DATE
Jeni Ross	11-5-02

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
4 OF 4		110321-01

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
110321-01	6-21-01		

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
Capacitor (3)	1 Bag		11/7/01	from
✓ micro Farids				C400-05
RFD 111306				
✓ Cart fuses (6)			12/20/01	from RFD 111729
RFD 111746				05-12
✓ Light bulbs (3)	1 bag		10/8/02	from RFD 113127 333-23
RFD 113048-01				
✓ Spot lamp (1)	1 bag		7/25/02	from 112226-01 400-05
RFD 113190-01				
✓ Fuse (1)	1 bag		10/7/02	from 113019-01 333-23
RFD 113050-01				
✓ Light bulbs (56)	1 bag		8/8/02	from 112957 333-19
RFD 113812-01				
✓ incandesent bulb (1)	1 bag		8/22/02	from 400-05
RFD 113978-01				
✓ light bulb (1)	1 bag		9/23/02	from 113918 310-02
RFD 114008-01				
✓ light bulb (4)	1 bag		8/9/02	from 112957 333-19
RFD 113815-01				
light bulb (1)	1 bag		9/25/02	from 112415-02 C-400-05
RFD 114011				originally in coll. cont 114012-01

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD01C02236	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
83	lbs	plastic liner	1A2/X430	N/A

119. CONTAINER GENERATOR SIGNATURE: Denis Ross

DATE: 11-5-02

UCN-20700 PAGE 2

Ship May 2, '03
Envirocare

(COPY)

DOE HAZARDOUS WASTE Request For Disposal

RFD

Document ID Number 110674

Generation Process Information (Completed by Generator)

Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
EARL Tyler	31491	441-5235	C-743-T1	

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
WESKEM	DOE	PGDP	C-752-A	C-752-A	[X] Yes [ ] No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG.	A93	—	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachmen
MT099	PGDP	C-752-A	C-752-A	[ ] A [✓] B [ ] C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. Collections Container RCRA WASTE @ C-752-A.
SECTION "C" Collection AREA "CIRCUIT BOARDS"
BC: PAD01C03503 AD - 10/12/01

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marke with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
	Earl Tyler	10/12/01

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
N/A	N/A	N/A

P4. PPE Requirements
SEE FWR - 6214

REVIEWED FOR CLASSIFICATION

P5. Container-Labeling Requirements WCL ✓

X RCRA	PCB	DET PCB (<50ppm & source <50ppm)	X RAD	X DOE
FISSILE	NCS EXEMPT	RD CONFIDENTIAL	ACID	USEC
FLAMMABLE	COMBUSTIBLE	OXIDIZER	BASE	WESKE
ASBESTOS	REACTIVE	TRANSURANIC	NON-HAZ	

Initials Date 2-19-03

UNCLASSIFIED

P6. Additional Handling Instructions
SEE FWR - 6214 Close Collection. Verify labeling.
Earl Tyler 31491 5/2/02 Operator

Reference FWR	6214
Origin Date	10/12/01
PCB Start Date	N/A
RCRA Start Date	10/12/01

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
[illegible]	600721	11/27/01	[illegible]	7/252	1-28-0
P9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date
[illegible]	704257	01/20/03	[illegible]	703232	2-3-03

P11. Waste Item Information
Waste Item No. RFD 110674
Container No. (Barcode) PAD01C03503
Weight 204
Location and Grid C752A / SECTION "H" G-07
Container Size 55 gallon DRUM 7.4ft³

P12. Operator Comments
AD - 10/12/01
BJ
C752A-B11

BJCF-515a (03/01)

DMSA RAD WITS Completed

receiv

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 110674

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH N/A	B6. CORROSIVITY TO STEEL N/A mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s) N/A	B7. FLASHPOINT ☐ N/A ☐ F	B8. BOILING POINT ☐ N/A ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☒ NO CONC. ppm	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ☒ YES ☐ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.	SEE ATTACHED SURVEY N/A		
R2. PROCESS KNOWLEDGE FORM NO.	N/A		
R3. FISSLE CONTENT (Wt% U-235) N/A	R4. GRAMS U-235 N/A	R5. NCS EXEMPT ☒ YES ☐ NO	R5. CHEMICAL FORM

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.		T3. RCRA WASTE	X	
		T4. TSCA WASTE		X
T2. PROCESS KNOWLEDGE FORM NO.	1480	T5. UNDERLYING HAZARDOUS CONSTITUENTS		X

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☒ NO	N/A ppm	N/A ppm	N/A ☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS
LEAD, CADMIUM, MERCURY, SILVER

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS
N/A

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED
YES individual surveys for internal RFDs will be attached to them

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM	X2. WASTE STREAM ID	X3. FORM CODE	X4. SOURCE CODE
☐ A ☐ AC ☐ B ☒ C	PA-E020	B307	A57

X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA
S01	N/A	22,23,24	☐ YES ☒ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D006	N/A

X14. SUBSTANCE NAME
CADMIUM

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D008	N/A

X14. SUBSTANCE NAME
LEAD

☒ X15. CONSITUENT CONTINUATION SHEET(s) 1 THROUGH 1 ATTACHED.

CONSTITUENT CONTINUATION SHEET

(Continuation Page 1 of 1)

DOCUMENT ID NUMBER: 110674

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D009	N/A

X14. SUBSTANCE NAME: MERCURY

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D011	N/A

X14. SUBSTANCE NAME: SILVER

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
JR 4-16-03 ~~110674-01~~	1 OF 1	110674

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. POB DATE TO STORAGE
110674-01	10-12-01	10-12-01	NA

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
RFD 110672-01 Circuit Board	1	CMC	10-12-01	From 337-30 From RFD # 110441
RFD 111313-01 circuit Boards	3	CMC	11-7-01	From 400-05
RFD 111455-01 Circuit Boards	16	CMC	11-21-01	Source 409-01
~~RFD 111455-01 OK~~ Diodes	9	CMC	11-21-01	Source 409-01
RFD 111456-01 Small Capacitors	17	CMC	1-28-01	From DMSA 409-01
RFD 112532-01 power Supply Box	1	CMC	3-13-02	From RFD# 112127-01 From DMSA 409-02
RFD 112543 power Supply Box	1	CMC	3-18-02	From DMSA 409-02
RFD 112558-01 Circuit boards	4	CMC	3-25-02	
RFD 112558-01 Circuit Board Panels	9	CMC	3-25-02	
RFD# 112147-01 Circuit Boards	5	CMC	3/26/02	DMSA 409-02 From 112139-01
RFD 112569 circuit Boards	2	CMC	3/27/02	From 112109-01 From DMSA 409-02
RFD 112564-01 circuit Board	1	CMC	4-02-02	From 112139-01 From 409-02 MIXED
RF 12568-01 circuit Board panels	~~CMC~~ 1	CMC	4-4-02	C409-02
RFD 112528-01 Circuit Boards	1	CMC	4-4-02	C 409-02
RFD 112571-01 5 Gang switches	5	CMC	4-8-02	C 409-02 From RFD 112562-01
RFD 112591-01 circuit Boards	13	CMC	4-8-02	C 409-02
RFD 112596-01 Circuit Boards	19	CMC	4-11-02	C 409-02 From RFD 112575-01 MIXED
112598-01 circuit Boards	2	CMC	4-15-02	C409-02 From 112575-01
112608-01 circuit Boards	11	CMC	4-18-02	From C409-02 From 112575-01
112633-01 Circuit Boards	1	CMC	5-8-02	From 112132-01 C 409-02
112637-01 circuit Boards	2	CMC	5-13-02	C409-02 From 112629 MIXED
112648-01 circuit Boards	5	CMC	5-28-02	C 409-02 From RFD 112630-01
113267-01 circuit Boards	5	CMC	6-21-02	C 333-11 From RFD 113260-01
113268-01 Circuit Boards	5	CMC	6-21-02	C 333-11 From RFD 113252-01
113161-01 circuit Boards	8	CMC	7-10-02	C 400-05
				full

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMCRA FORM	112. EST. NET VOLUME	113. UNITS
PA001C03503	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
204 LBS	lbs	plastic	1A2/X	N/A

119. CONTAINER GENERATOR SIGNATURE	DATE
D A Wade	4-07-03

UCN-20700 PAGE 2

DOE

Ship May 2, '03
Envirocare

LLW CW 2-19-02

RFD

Document ID Number
112294

Request For Disposal

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / W
Alisa Hugen	602537	5236	C-743-TR1	

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
Wiskem	DOE	PGDP	C 400	C-400-05	☒ Yes ☐ N

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	N/A	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachme
MT001/MT005	PGDP	~~C400~~ C752	C-752-A	A ☒ B ☐

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. Collection container for fluorescent bulbs

Barcode # PAD 02C05 202

This is to certify that the above named material is properly described and in the stated container, which is in good condition, mark with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
	Alisa Hugen	2-18-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area

P4. PPE Requirements

P5. Container-Labeling Requirements

____ RCRA
____ FISSILE
____ FLAMMABLE
____ ASBESTOS

PAD 02C05203-Aid
PAD 02C05202 Bulb
RFD 112294
~~Waiting for Char sheet~~

____ DOE
____ USEC
____ WESKI

P6. Additional Handling Instructions

ALISA,
WE NEED RCRA ATTACHMENT +
"PAD" WASTE OPS BARCODE # FOR
THIS CONTAINER.
THANKS,
JERRIE

~~Fill out on all copies~~

~~Make a copy of RFD 112279 + Attach. for Jerri~~

P7. Waste Coordinator (Issued By) | Date

P9. Field Supervisor | Date

P11. Waste Item Information

Waste Item No. ____
Container No. (Barcode) ____
Weight ____
Location and Grid ____
Container Size 96 ft3

BJCF-515a (03/01)

Received

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
1 OF 1		112294

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
112294-01	2-18-02	2-18-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
RFD 112281 fluorescent bulbs	3	JR	2/18/02	newly disc. C-400-05
RFD 112198 fluorescent bulbs	2	JR	2/19/02	removed from RFD 112072 - C-333-31
RFD 112107 fluorescent bulbs	2	JR	2/19/02	removed from RFD 107691-01 C-333-31
RFD 113167 fluorescent bulbs	2	JR	7/11/02	removed from 112424 C-400-05
RFD 113199 fluorescent bulbs	2	JR	7/26/02	removed from RFD 113187-01 C-400-05
RFD 114326 fluorescent bulbs	2	JR	10-15-02	removed from RFD 112226-01 C-400-05
RFD 110925 fluorescent bulbs	2	JR	2-11-02	removed from RFD 107693 C-333-31
RFD 112092	2	JR	2-12-02	JR 11-13 ~~removed from RFD 1:~~ newly discovered - found on roller stand in C-333-31

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
	☐ YES ☑ NO	N/A		ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER

CONTAINER GENERATOR SIGNATURE: Terri Ross

DATE: 4-17-03

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 112294

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH N/A	B6. CORROSIVITY TO STEEL N/A mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s) N/A	B7. FLASHPOINT ☐ C N/A ☐ F	B8. BOILING POINT ☐ C N/A ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☐ NO CONC. ppm	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ~~JRH-5-02~~ ☒ YES ~~☒~~ NO JRH-5-02 3/5/02			NON-RAD

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER
R1. ANALYSIS SAMPLE ID NO.	Rad survey will be attached when completed
R2. PROCESS KNOWLEDGE FORM NO.	~~06~~ AH 2-19-02 ~~0209~~

R3. FISSLE CONTENT (Wt% U-235)	R4. GRAMS U-235	R5. NCS EXEMPT	R5. CHEMICAL FORM
N/A	N/A	☒ YES ☐ NO	SOLID

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.		T3. RCRA WASTE	X	
		T4. TSCA WASTE		X
T2. PROCESS KNOWLEDGE FORM NO.	0209	T5. UNDERLYING HAZARDOUS CONSTITUENTS		X

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☒ NO	N/A ppm	N/A ppm	N/A ☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS
CADMIUM, LEAD, MERCURY

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS
N/A

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED
Yes - individual surveys for internal RFDs will be attached to th

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM	X2. WASTE STREAM ID	X3. FORM CODE	X4. SOURCE CODE
☐ A ☐ AC ☐ B ☒ C	PA-D033	B307	A59

X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA
S01	N/A	23,24	☐ YES ☒ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D006	N/A

X14. SUBSTANCE NAME
CADMIUM

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D008	N/A

X14. SUBSTANCE NAME
LEAD

☒ X15. CONSITUENT CONTINUATION SHEET(s) | THROUGH | ATTACHED.

CONSTITUENT CONTINUATION SHEET

(Continuation Page 1 of 1)

DOCUMENT ID NUMBER 112294

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D009	N/A

X14. SUBSTANCE NAME
MERCURY

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER 112294

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH	B6. CORROSIVITY TO STEEL mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s)	B7. FLASHPOINT ☐ C ☐ F	B8. BOILING POINT ☐ C ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☐ NO CONC. ppm	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ☐ YES ☒ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.			
R2. PROCESS KNOWLEDGE FORM NO.	~~06~~ AH 2-19-02 0209		
R3. FISSLE CONTENT (Wt% U-235)	R4. GRAMS U-235	R5. NCS EXEMPT ☒ YES ☐ NO	R5. CHEMICAL FORM

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.		T3. RCRA WASTE		
		T4. TSCA WASTE		
T2. PROCESS KNOWLEDGE FORM NO.		T5. UNDERLYING HAZARDOUS CONSTITUENTS		

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☐ NO	ppm	ppm	☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM ☐ A ☐ AC ☐ B ☐ C	X2. WASTE STREAM ID	X3. FORM CODE	X4. SOURCE CODE
X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA ☐ YES ☐ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

DOE

RFD

ship May 2, '03
Envirocare

HAZARDOUS WASTE

Request For Disposal

Document ID Number
112850

Generation Process Information (Completed by Generator)

1. Generator's ~~Name~~ (Print): Terri Ross	W2. Badge No.: 31871	W3. Generator's Phone No.: 5325	W4. Mail Stop: C-743T1	W5. Charge No. / WO: ~~N/A~~ 8/8/02 N/A
6. Generator's Company: WESKEM	W7. Corp Owner: DOE	W8. Origin Site: PGDP	W9. Origin Facility: DMSAS	W10. Origin Area: DMSA AREAS
W11. Rad Area? ☑ Yes ☐ No				
12. Number of Items: 1	W13. Process Category (GCC): CEG	W14. Process Activity Code: A93	W15. AWA Number: A93	W16. Physical Form: Solid
17. Material Type(s): MT007, MT010	W18. Holding Site: PGDP	W19. Holding Facility: C-752-A	W20. Holding Area: C-752-A	W21 RFD Attachment ☐ A ☑ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

32. Collection drum for rad. cont. circuit boards from DMSAS

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.: N/A	W34. Generator's Signature: Terri Ross	Date: 8/8/02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site: 8/8/02 N/A	P2. Pick-up Facility: 8/8/02 N/A	P3. Pick-up Room/Area: 8/8/02 N/A

P4. PPE Requirements: 8/8/02 ~~See work~~

P5. Container-Labeling Requirements ✓ WCC

✓ RCRA	___ PCB	___ DET PCB (<50ppm & source <50ppm)	✓ RAD	✓ DOE
___ FISSILE	___ NCS EXEMPT	___ RD CONFIDENTIAL	___ ACID	___ USEC
___ FLAMMABLE	___ COMBUSTIBLE	___ OXIDIZER	___ BASE	___ WESKEM
___ ASBESTOS	___ REACTIVE	___ TRANSURANIC	___ NON-HAZ	

P6. Additional Handling Instructions

Reference FWR
Origin Date
PCB Start Date
RCRA Start Date

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
P9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date

P11. Waste Item Information

Waste Item No. 112850-01
Container No. (Barcode) PADO2C06128
W
Location and Grid
Container Size

P12. Operator Comments

3JCF-515a (03/01)

RAD

COLLECTION
DATE CLOSED: _____

received

WASTE ITEM CONTAINER LOG

9. # CONTAINER	1 OF 1	DOCUMENT ID NUMBER 112850

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
112850-01	8/8/02	8/8/02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
Circuit Boards	7		8/8/02	RFD 113810-01 333-23 from 112957-01
Circuit Boards	28		8/9/02	RFD 113817-01 333-23 from 112958-01
Circuit Boards.	23		8/9/02	RFD 113816-01 333-23 from 112
Circuit Boards	17		8/12/02	RFD 113763-01 333-23 from 112959-01
Circuit Boards	4		8/12/02	RFD 113775-01 333-23 from 112958-01
Circuit Boards	25		8/13/02	RFD 113766-01 333-23 from 112959-01
Circuit Boards	38		8/14/02	RFD 113771-01 333-23 from 112953-01
Circuit Boards	11		8/8/02	RFD 113311 400-05 from 112415-02

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD02C06128	☐ YES ☑ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
	lbs	plastic liner	1A2/X430/S	N/A

1. CONTAINER GENERATOR SIGNATURE		DATE
Steve Rosso	1A2/Y1.61200801	4-16-03

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 112850-01

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH N/A	B6. CORROSIVITY TO STEEL N/A mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s)	B7. FLASHPOINT ☐ C N/A	B8. BOILING POINT ☐ N/A F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☐ N/A ppm CONC.	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ☒ YES ☐ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.	N/A		
R2. PROCESS KNOWLEDGE FORM NO.	N/A		
R3. FISSLE CONTENT (Wt% U-235) N/A	R4. GRAMS U-235 N/A	R5. NCS EXEMPT ☒ YES ☐ NO	R5. CHEMICAL FORM N/A

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.	N/A	T3. RCRA WASTE	✓	
		T4. TSCA WASTE		✓
T2. PROCESS KNOWLEDGE FORM NO.	1480	T5. UNDERLYING HAZARDOUS CONSTITUENTS		

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☒ NO	N/A ppm	N/A ppm	N/A ☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS
lead

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS

RADIATION DATA FROM HEALTH PHYSICS SURVEY
SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED
yes - individual surveys for internal RFDs are attached to them

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM ☐ A ☐ AC ☐ B ☐ C	X2. WASTE STREAM ID	X3. FORM CODE		X4. SOURCE CODE
X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER		X8. GENERATED FROM A NON-RMMA ☐ YES ☐ NO
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

DOE

Ship May 2, '03

HAZARDOUS WASTE

Envirocare

RFD

Request For Disposal

Document ID Number 113170

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
Alisa Hugen	662537	5236	C-743-TR1	NA

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
Weskem	DOE	PGDP	~~400-0~~ DMSAs	~~400-05~~ DMSAs	☒ Yes ☐ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	NA	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT007	PGDP	C 752	C-752-A E9	☐ A ☒ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. Collection container for circuit Boards - mixed waste

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
NA	Alisa Hugen	~~7-12-02~~ AH 7-11-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Building	P3. Pick-up Room/Area
NA	NA	NA

REVIEWED FOR CLASSIFICATION

P4. PPE Requirements: NA

P5. Container-Labeling Requirements ✓ WCL

✓ RCRA	PCB	~~DET. PCB (<50ppm & source <50ppm)~~	✓ RAD	✓ DOE
FISSILE	NCS EXEMPT	RADIOLOGICAL	ACID	USEC
FLAMMABLE	COMBUSTIBLE	OXIDIZER	BASE	WESKEM
ASBESTOS	REACTIVE	PYROPHORIC	NON-HAZ	

Initials: Crow Date: 2-19-03

UNCLASSIFIED

P6. Additional Handling Instructions: Verify labeling, location, barcode. Verify haz, WCL, RAD DOE labels/marking. Close Collection Container

Reference FWR	6074
Origin Date	~~7-9-01~~ 7-11-
PCB Start Date	NA
RCRA Start Date	~~7-12-02~~ 7-11

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
Alisa Hugen	662537	7-12-02	Martha Shannon	020140	7-12-02
P9. Field Supervisor	**Badge**	**Date**	**P10. Data Processing Completed By**	**Badge**	**Date**
D A Wade	11357	7-12-02	K Hudson	703232	2-3-03

P11. Waste Item Information NF 704287 01/30/03

Waste Item No. 113170-01

Container No. (Barcode) PAD 02C06127

Weight 1.25

Location and Grid C-752-A-E9 ~~G-07~~ 611

Container Size

P12. Operator Comments

AD - 7/11/02

BJW 1-28-03 Complete

Items from Drum RFD# 113745 were consolidated into this drum RFD #113170 on 4-2-03 for shipping.

BJCF-515a (03/01)

WITS Completed

received (LJ) 7-15-02

RAD

DMSA

WASTE ITEM CONTAINER LOG

9. ITEM/CONTAINER	DOCUMENT ID NUMBER
1 OF 1	113170

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
113170-01	7/11/02	7/11/02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
#113166 (1) Circuit Board	1	ARH	7/11/02	C-400-05 Removed from 112415-01
#113171 (3) Circuit Boards + (6) Circuit Board Panels	1 ~~7-9-03~~	ARH	7/12/02	C-400-05 Removed from 112415-01
#113480 (1) Circuit Board	1	ARH	7/16/02	C-333-21 Removed from Gas Leak Detection Box
#113304 (11) Circuit Board Panels	1	ARH	7/17/02	C-400-05 Removed from 112415-02
#113306 (2) Circuit Boards + (2) Circuit Board Panels	1	ARH	7/18/02	C-400-05 Removed from 112415-02
#113310 (1) Circuit Board Panel + (6) Circuit Boards	1	ARH	7/19/02	C-400-05 Removed from 112415-02
#113184 (3) Circuit Boards	1	ARH	7/24/02	C-400-05 Removed from 111300-01
#113188 (5) Circuit Boards + (2) Circuit Board Panels	1	ARH	7/25/02	C-400-05 Removed from 12226-01
#114000 (1) Circuit Board	1	ARH	9/16/02	C-310-02 Removed from 113952
#113046 (9) Circuit Boards	1	ARH	10/7/02	C-333-23 Removed from 113127
#113049 (5) Circuit Boards	1	ARH	10/7/02	C-333-23 Removed from 113019

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS?	QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD02C06127	☐ YES ☒ NO	N/A	N/A	7.4	ft³

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
	lbs	plastic liner	1A2/X430/S	N/A

119. CONTAINER GENERATOR SIGNATURE: Joycelyn Lightfoot

DATE: ~~7-9-03~~ 4-2-03

UCN-20700 PAGE 2

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 113170

PROHIBITED ITEMS

B1. CHEMICALLY INCOMPATIBLE SUBSTANCES: [ ] YES [X] NO

B2. WASTE VARIANCE REQUEST NUMBER(s): N/A

ADDITIONAL WASTE CHARACTERISTICS

B3. CHELATING AGENTS: [ ] YES [X] NO

B4. ION EXCHANGE RESINS: [ ] YES [X] NO

B5. pH: N/A

B6. CORROSIVITY TO STEEL: N/A mm/yr

B7. FLASHPOINT: [ ] C N/A [ ] F

B8. BOILING POINT: [ ] N/A [ ] F

B9. DETECTABLE PCB (Source <50 ppm): [ ] YES [X] NO CONC. ppm

B10. WASTEWATER: [ ] YES [X] NO

B11. RADIOACTIVE: [X] YES [ ] NO

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER
R1. ANALYSIS SAMPLE ID NO.	JR 11-8-00 See attached survey N/A
R2. PROCESS KNOWLEDGE FORM NO.	0224 N/A

R3. FISSLE CONTENT (Wt% U-235): NA

R4. GRAMS U-235: NA

R5. NCS EXEMPT: [X] YES [ ] NO

R6. CHEMICAL FORM: NA

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.	NA	T3. RCRA WASTE	X	
		T4. TSCA WASTE		X
T2. PROCESS KNOWLEDGE FORM NO.	JR 11-8-00 0224 1480	T5. UNDERLYING HAZARDOUS CONSTITUENTS		X

T6. PCBs PRESENT: [ ] YES [X] NO

T7. PCB CONCENTRATION: ppm

T8. PCB SOURCE CONCENTRATION: ppm

T9. PCB SOURCE CONCENTRATION RANGE (ppm): [ ] 50-499.99 [ ] >=500

T10. KNOWN HAZARDOUS CONSTITUENTS: CADMIUM, LEAD, MERCURY, SILVER

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS:

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: Yes individual surveys for internal RFDs are attached to them

R8. TRANSFERABLE (Alpha): dpm/100cm2

R9. FIXED (Alpha): dpm/100cm2

R10. TRANSFERABLE (Beta/Gamma): dpm/100cm2

R11. FIXED (Beta/Gamma): dpm/100cm2

R12. EXTERNAL DOSE/PACKAGE CONTACT: MREM/HR

R13. DOSE RATE: MREM/HR @ METERS (B/G)

R14. HP SIGNATURE:

R15. SURVEY NUMBER:

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM: [ ] A [ ] AC [ ] B [X] C

X2. WASTE STREAM ID: PA-E020

X3. FORM CODE: B307

X4. SOURCE CODE: A-59

X5. HANDLING CODE: S01

X6. LDR CODE:

X7. REACTIVITY GROUP NUMBER: 22,23,24

X8. GENERATED FROM A NON-RMMA: [ ] YES [X] NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D006	N/A

X14. SUBSTANCE NAME: CADMIUM

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D008	N/A

X14. SUBSTANCE NAME: LEAD

[X] X15. CONSITUENT CONTINUATION SHEET(s) 1 THROUGH 1 ATTACHED.

RFD ~~LLW~~ Ship May 2, '03

HAZARDOUS WASTE

Envirocare

Request For Disposal

Document ID Number: 113186

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
Alisa Huyn	662537	5236	C743-TR	NA

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
Weskem	DOE	PGDP	C400	C400-05	☒ Yes ☐ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	NA	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT007	PGDP	C-752	C-752A	☐ A ☒ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

AH 7-24-02 "Mixed"

W32. ~~(5)g~~ 5-gallon collection container ~~"RCRA"~~ rotary switches AH 7-24-02

PAD 02C05231

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
NA	Alisa Huyn	~~NA~~ AH 7-24-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
NA	NA	NA

P4. PPE Requirements: NA

RECORD COPY

P5. Container-Labeling Requirements ✓ WCL

✓ RCRA	___ PCB	___ DET PCB (<50ppm & source <50ppm)	✓ RAD	✓ DOE
___ FISSILE	___ NCS EXEMPT	___ RD CONFIDENTIAL	___ ACID	___ USEC
___ FLAMMABLE	___ COMBUSTIBLE	___ OXIDIZER	___ BASE	___ WESKEM
___ ASBESTOS	___ REACTIVE	___ TRANSURANIC	___ NON-HAZ	

P6. Additional Handling Instructions: Verify labeling, location, barcode

SEE FWR-6386

Reference FWR: 6074
Origin Date: 7-24-02
PCB Start Date: NA
RCRA Start Date: 7-24-02

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
R D [illegible]	705319	11-5-02	[illegible]	7252	12-18-02

P9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date
[illegible]	705902	11/5/02	[illegible]	[illegible]	[illegible]

P11. Waste Item Information — SR 704207 12/19/02

Waste Item No. 113186-01
Container No. (Barcode) PAD02C05231
Weight 6 LBS
Location and Grid C-752-A - E05
Container Size 5 gal .67 ft3

P12. Operator Comments: AD - 7/24/02

CLOSED 11/5/02

REVIEWED FOR CLASSIFICATION

Initials: CWS Date: 1-7-03

UNCLASSIFIED

BJCF-515a (03/01)

WITS Completed 12-31-02

RAD DMSA

Received 7-30-02

WASTE ITEM CONTAINER LOG

ITEM/CONTAINER	DOCUMENT ID NUMBER
1 OF 1	113186

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
113186-01	7-24-02	7-24-02	NA

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
113185-01 Rotary Switches	2	Cmc	7/24/02	C400-05 From 111300 & 111301
R113187-01 Rotary Switches	1	Cmc	7-25-02	C-400-05 From 112020 & 112226

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD0200523 1	☐ YES ☒ NO	NA	.02	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
6 LBS		plastic	NA UN#	NA

119. CONTAINER GENERATOR SIGNATURE: Alisa Hugh

DATE: 4-7-03

UCN-20700 PAGE 2

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 113186

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☑ NO	B3. CHELATING AGENTS ☐ YES ☑ NO	B4. ION EXCHANGE RESINS ☐ YES ☑ NO	B5. pH N/A	B6. CORROSIVITY TO STEEL N/A mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s) N/A	B7. FLASHPOINT N/A ☐ C ☐ F	B8. BOILING POINT N/A ☐ C ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☑ NO CONC. ppm	B10. WASTEWATER ☐ YES ☑ NO
	B11. RADIOACTIVE ☒ YES ☐ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.	~~All attached surveys~~ JL 4-4-03		N/A
R2. PROCESS KNOWLEDGE FORM NO.	~~0215~~ JL 4-4-03		
R3. FISSLE CONTENT (Wt% U-235) N/A	R4. GRAMS U-235 N/A	R5. NCS EXEMPT ☒ YES ☐ NO	R5. CHEMICAL FORM N/A

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.	N/A	T3. RCRA WASTE	X	
		T4. TSCA WASTE		X
T2. PROCESS KNOWLEDGE FORM NO.	JL 11-5-03 ~~0215~~ See fact sheet	T5. UNDERLYING HAZARDOUS CONSTITUENTS		X

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
~~☒ YES~~ ☑ NO	N/A ppm	N/A ppm	N/A ☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS lead

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED yes - individual surveys ~~will be~~ for internal RFDs will be attached to

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) 11-5-02 dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM	X2. WASTE STREAM ID	X3. FORM CODE	X4. SOURCE CODE
☐ A ☐ AC ☐ B ☒ C	PA-E020	B307	A59

X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA
S01		22,23,24	☐ YES ☒ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D008	N/A

X14. SUBSTANCE NAME LEAD

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D010	N/A

X14. SUBSTANCE NAME SELENIUM

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

18

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	1 OF 1	DOCUMENT ID NUMBER 113186

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
113186-01	7-24-02	7-24-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
rotary switches	2-1bag	AH	7-24-02	From-400-05-RFD-110301-01
1 Rotary switches	1 bag	BS	7-25-02	From-400-05 RFD 113186-01

Not Full closed
10/22/02

R&F

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD02C05231	☐ YES ☒ NO	NA	.67	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
6 LBS	LBS	Plastic Liner	1A2/Y36/S/98	NA

119. CONTAINER GENERATOR SIGNATURE: Alisa Hagen

DATE: 11-5-02

UCN-20700 PAGE 2

DUE
Request For Disposal

COPY

HAZARDOUS WASTE

Ship May 02, '03
Envirocare

Document ID Number
113191

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / W
Alisa Hugen	662537	5236	C743-TR1	NA

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
WISKEM	DOE	PGDP	C-400-05	C-400-05	[X] Yes [ ] N

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	NA	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachmer
MT007	PGDP	C-752	C-752A ~~E04~~ E05	[ ] A [X] B [ ]

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. 5 gallon collection contain[illegible] tubes ~~"RCRA"~~ AH 7-25-
"Mixed"

REVIEWED FOR CLASSIFICATION
1-7-03
Initials Date
UNCLASSIFIED

PAD02C06951

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marke with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
NA	Alisa Hugen	7-25-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
NA	NA	NA

P4. PPE Requirements
~~NA~~ SEE FWR-6386

RECORD COPY

P5. Container-Labeling Requirements

✓ RCRA	___ PCB	___ DET PCB (<50ppm/ source <50ppm)	✓ RAD	✓ DOE
___ FISSILE	___ NCS EXEMPT	___ RD CONFIDENTIAL	___ ACID	___ USEC
___ FLAMMABLE	___ COMBUSTIBLE	___ OXIDIZER	___ BASE	___ WESKE
___ ASBESTOS	___ REACTIVE	___ TRANSURANIC	___ NON-HAZ	

P6. Additional Handling Instructions Verify labeling, location, barcode
Close out collection container. Closed 10/22/02.
Verify labels, weigh.

Reference FWR 6074
~~11-1-02~~ Origin Date ~~7-9-01~~ 7-
PCB Start Date NA
RCRA Start Date 7-25-02

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
Alisa Hugen	662537	7-25-02	RJW	34252	12-4-

P9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date
D A Wade	11357	7-25-02	Jenie Gleason	703232	12/12/02

P11. Waste Item Information SR 704287 12/09/02
Waste Item No. 113191-01
Container No. (Barcode) PAD02C06951
Weight 12 LBS
Location and Grid C-752A- ~~E04~~ E05
Container Size

P12. Operator Comments
AD - 7/25/02
Reader #01

BJCF-515a (03/01)

WITS Completed
12/12/02

IMSA

received
7-29-02

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 113191

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH NA	B6. CORROSIVITY TO STEEL NA mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s) NA	B7. FLASHPOINT ☐ C N/A ☐ F	B8. BOILING POINT ☐ N/A ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☒ NO CONC. ppm	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ☐ YES ☒ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.	NA		
R2. PROCESS KNOWLEDGE FORM NO.	~~0215~~ NA AM 11-4-02		
R3. FISSLE CONTENT (Wt% U-235) NA	R4. GRAMS U-235 NA	R5. NCS EXEMPT ☒ YES ☐ NO	R5. CHEMICAL FORM NA

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.	NA	T3. RCRA WASTE	X	
		T4. TSCA WASTE		✓
T2. PROCESS KNOWLEDGE FORM NO.	~~0215~~ AM 11-4-02 see factsheet	T5. UNDERLYING HAZARDOUS CONSTITUENTS		✓

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☒ NO	ppm	ppm	☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS: lead, cadmium, mercury

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS: N/A

RADIATION DATA FROM HEALTH PHYSICS SURVEY
SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: YES

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM	X2. WASTE STREAM ID	X3. FORM CODE	X4. SOURCE CODE
☐ A ☐ AC ☐ B ☒ C	PA-F020	B307	A-59

X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA
S01		23,24	☐ YES ☒ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D006	N/A

X14. SUBSTANCE NAME: CADMIUM

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D008	N/A

X14. SUBSTANCE NAME: LEAD

☒ X15. CONSITUENT CONTINUATION SHEET(s) 1 THROUGH 1 ATTACHED.

CONSTITUENT CONTINUATION SHEET

(Continuation Page 1 of 1)

DOCUMENT ID NUMBER 113191

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	-	D009	N/A

X14. SUBSTANCE NAME
MERCURY

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
113191-01 OF	113191

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
113191-01	7-25-02	7-25-02	NA

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
113192-01 Vacuum tube	1	CMC	7-25-02	C400-05 from 112226-01
114009-01 Vacuum tubes	4	CMC	9-23-02	C310-02 RFD 113917-01

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMCA FORM	112. EST. NET VOLUME	113. UNITS
PAD02C06951	☐ YES ☑ NO	NA	.03	ft³

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
12 lbs	lbs	plastic	~~NOLIN #~~ 1021 400 S AH 9-7-03	NA

119. CONTAINER GENERATOR SIGNATURE: D a Wade

DATE: 4-7-03

UCN-20700 PAGE 2

DOE

HAZARDOUS WASTE

Ship May 21, '03
Envirocare

RFD

Quest For Disposal

Document ID Number
113785

Generation Process Information (Completed by Generator)

Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
Harolyn S. Johnson	30275	5213	C-743 T9	NA

Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
WESKEM	DOE	PGDP	C-DMSA's	DMSA's	☒ Yes ☐ No

2. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
01	LEG	A93	NA	SOLID

7. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
N7099	PGDP	C-752A	C-752A	☐ A ☒ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
2. Biological		X	W25. Const. Debris		X	W28. Non-Friable Asbestos		X	W31. DMSA	X	
3. Accountable		X	W26. Classified		X	W29. TRU Waste		X			
4. Carcinogen		X	W27. Friable Asbestos		X	W30. CERCLA		X			

Waste Description / Comments

2. COLLECTION DRUM FOR CIRCUIT BOARDS, DMSA's STORED AT C-752A
BC: PAD02C05808

his is to certify that the above named material is properly described and in the stated container, which is in good condition, marked ith the RFD number, content, appropriate generation date, source location, and at the stated location.

33 Generation Plan No.	W34. Generator's Signature	Date
NA	Sharolyn S. Johnson	8-15-02

Handling / Pickup Information (Completed by Waste Management)

1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
NA	NA	NA

4. PPE Requirements NA

5. Container-Labeling Requirements

X RCRA	___ PCB	___ DET PCB (<50ppm & source <50ppm)	X RAD	X DOE
___ FISSILE	___ NCS EXEMPT	___ RD CONFIDENTIAL	___ ACID	___ USEC
___ FLAMMABLE	___ COMBUSTIBLE	___ OXIDIZER	___ BASE	___ WESKEM
___ ASBESTOS	___ REACTIVE	___ TRANSURANIC	___ NON-HAZ	

6. Additional Handling Instructions
Verify labeling, barcode, And Location

Reference FWB ~~6315~~ JR 8-19-02
Origin Date ~~5/31/02~~ 8-15-02
PCB Start Date NA
RCRA Start Date 8-15-02

7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
Sharolyn S. Johnson	30275	8-19-02	J.D. Jackson	31608	8-19-02
9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date
[illegible]	29804	8/29/02			

P11. Waste Item Information
Waste Item No. 113785-01
Container No. (Barcode) PAD02C05808
Weight
Location and Grid C752A
Container Size 7.4 ft³

P12. Operator Comments

BJCF-515a (03/01)

RAD

DMSA

received
9-13-02

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER 113785-01

OHIBITED ITEMS / ADDITIONAL WASTE CHARACTERISTICS

B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO

B2. WASTE VARIANCE REQUEST NUMBER(s)

B3. CHELATING AGENTS ☐ YES ☒ NO

B4. ION EXCHANGE RESINS ☐ YES ☒ NO

B5. pH

B6. CORROSIVITY TO STEEL mm/yr

B7. FLASHPOINT ☐ C ☐ F

B8. BOILING POINT ☐ C ☐ F

B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☒ NO CONC. ppm

B10. WASTEWATER ☐ YES ☒ NO

B11. RADIOACTIVE ☒ YES ☐ NO

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER
R1. ANALYSIS SAMPLE ID NO.	~~JR 11-4-02~~ SEE LAB Survey Attached
R2. PROCESS KNOWLEDGE FORM NO.	NA

R3. FISSLE CONTENT (Wt% U-235)	R4. GRAMS U-235	R5. NCS EXEMPT	R5. CHEMICAL FORM
NA	NA	☒ YES ☐ NO	NA

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.	NA	T3. RCRA WASTE	X	
		T4. TSCA WASTE		X
T2. PROCESS KNOWLEDGE FORM NO.	~~JR 11-4-02~~ ~~0210~~ 1479	T5. UNDERLYING HAZARDOUS CONSTITUENTS		X

T6. PCBs PRESENT ☐ YES ☒ NO

T7. PCB CONCENTRATION ppm

T8. PCB SOURCE CONCENTRATION ppm

T9. PCB SOURCE CONCENTRATION RANGE (ppm) ☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS Lead/Solder

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS NA

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED Yes - individual surveys for internal RFOs will be attached to them

R8. TRANSFERABLE (Alpha) dpm/100cm2

R9. FIXED (Alpha) dpm/100cm2

R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2

R11. FIXED (Beta/Gamma) dpm/100cm2

R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR

R13. DOSE RATE MREM/HR @ METERS (B/G)

R14. HP SIGNATURE

R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM ☐ A ☐ AC ☐ B ☐ C

X2. WASTE STREAM ID

X3. FORM CODE

X4. SOURCE CODE

X5. HANDLING CODE

X6. LDR CODE

X7. REACTIVITY GROUP NUMBER

X8. GENERATED FROM A NON-RMMA ☐ YES ☐ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

WASTE ITEM CONTAINER LOG

ITEM/CONTAINER	DOCUMENT ID NUMBER
1 OF 1 (113785-01 12 4-7-03)	113785

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
113785-01	8-15-02	8-15-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
RFD 113784-01 Circuit Board	38	CMC	8-15-02	Removed From 112982-01 From DMSA 333-19
RFD 113787-01 Circuit Boards	23	CMC	8-16-02	Removed From 113015-01 From DMSA 333-19
RFD 113792-01 Circuit Boards	20	CMC	8-19-02	RFD 113016-01 From DMSA 333-19
RFD 113795-01 Circuit Boards	43	CMC	8-21-02	From RFD 113017-01 From DMSA C333
113797-01 Circuit Boards	24	CMC	8-22-02	From C333 From RFD 113018-01
112980-01 Circuit Boards	2	CMC	8-23-02	C400 From RFD 112415-01
113461-01 Circuit Board	1	CMC	8-23-02	C333-19 From RFD 113278-01
113990-01 Circuit Boards	3	CMC	9-4-02	From 310-02 From RFD N/A
112991-01 Circuit Boards	2	CMC	9-9-02	C310-02 From 113918-01
114006-01 Circuit Board	7	CMC	9-23-02	C310-02 From RFD 113918-01
115007-01 Circuit Board	1	CMC	9-23-02	C316-02 RFD 113916-01
113936-01 Circuit Board	1	CMC	9-26-02	C333-23 Removed From 112913
113937-01 Linear Brd/Circuit Board	1	CMC	9/26/02	C333-23 RFD 112913-01
113932-01 Circuit Board	2	CMC	9/26/02	C333-23 RFD 112923-01
113938-01 Circuit Boards	29	CMC	9/27/02	C333-23 From 112898
113943-01 Circuit Boards	17	CMC	9/30/02	C333-23 From RFD 113279-01
113944-01 Circuit Board	17	CMC	10/3/02	333-23 From 113127-01

True

PAD02C05808

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMCSA FORM	112. EST. NET VOLUME	113. UNITS
PAD01C03503 CMC 10/3/02	☐ YES ☒ NO	N/A	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
179 LBS		plastic	1A2/X430	N/A

119. CONTAINER GENERATOR SIGNATURE: D A Wade

DATE: 4-07-03

UCN-20700 PAGE 2

DOE

Ship May 2, '03

HAZARDOUS WASTE

Enviro Care

RFD

Document ID Number 114012

Request For Disposal

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
Alisa Hugen	062537	5236	C-743-TR1	NA

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
Weskem	DOE	PGDP	C-752	C-752-A	☒ Yes ☐ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	NA	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT001 / MT005	PGDP	C-752-A	C-752-A	☐ A ☒ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. collection container for "mixed" light bulbs (incandescent)

PAD 02C06963

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
NA	Alisa Hugen	9-25-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
NA	NA	NA

P4. PPE Requirements: See Workpackage

P5. Container-Labeling Requirements: ✓ WCL, BARCODE

✓ RCRA	PCB	DET PCB (<50ppm & source <50ppm)	✓ RAD	✓ DOE
FISSILE	NCS EXEMPT	RD CONFIDENTIAL	ACID	USEC
FLAMMABLE	COMBUSTIBLE	OXIDIZER	BASE	WESKEM
ASBESTOS	REACTIVE	TRANSURANIC	NON-HAZ	

P6. Additional Handling Instructions: Verify Barcode, location, labeling

Reference FWR	6074
Origin Date	9-25-02
PCB Start Date	NA
RCRA Start Date	9-25-02

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
Alisa Hugen	062537	9-27-02	Tommy Hockall	705048	9-27-02
P9. Field Supervisor	**Badge**	**Date**	**P10. Data Processing Completed By**	**Badge**	**Date**
D A Wade	11357	9-27-02	Melanie Neff	704069	11-1-02

P11. Waste Item Information

Waste Item No. 114012-01

Container No. (Barcode) PAD02C06963

Weight

Location and Grid C-752-A

Container Size 7.4 ft3

P12. Operator Comments

AD - 9/25/02

Contents of drum were consolidated into RFD 110321-01 TC 5/5/03

REVIEWED FOR CLASSIFICATION

Initials Date

UNCLASSIFIED

BJCF-515a (03/01)

WITS Completed

DMSA

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 114012

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH NA	B6. CORROSIVITY TO STEEL NA mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s) NA	B7. FLASHPOINT ☐ C NA ☐ F	B8. BOILING POINT ☐ C NA ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☒ NO CONC. ppm	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ☒ YES ☐ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.	See attached survey		
R2. PROCESS KNOWLEDGE FORM NO.	0003		
R3. FISSLE CONTENT (Wt% U-235) NA	R4. GRAMS U-235 NA	R5. NCS EXEMPT ☒ YES ☐ NO	R5. CHEMICAL FORM NA

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.	NA	T3. RCRA WASTE	X	
		T4. TSCA WASTE		X
T2. PROCESS KNOWLEDGE FORM NO.	0003 See fact sheet	T5. UNDERLYING HAZARDOUS CONSTITUENTS		X
T6. PCBs PRESENT ☐ YES ☒ NO	T7. PCB CONCENTRATION ppm	T8. PCB SOURCE CONCENTRATION ppm	T9. PCB SOURCE CONCENTRATION RANGE (ppm) ☐ 50-499.99 ☐ >=500	

T10. KNOWN HAZARDOUS CONSTITUENTS: lead

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS:

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: yes

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM ☐ A ☐ AC ☐ B ☐ C	X2. WASTE STREAM ID	X3. FORM CODE	X4. SOURCE CODE
X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA ☐ YES ☐ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				
X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
X14. SUBSTANCE NAME				

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 114012

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH NA	B6. CORROSIVITY TO STEEL NA mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s) NA	B7. FLASHPOINT ☐ C NA ☐ F	B8. BOILING POINT ☐ C NA ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☒ NO CONC. ppm	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ☒ YES ☐ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.	See attached survey		
R2. PROCESS KNOWLEDGE FORM NO.	0003		
R3. FISSLE CONTENT (Wt% U-235) NA	R4. GRAMS U-235 NA	R5. NCS EXEMPT ☒ YES ☐ NO	R5. CHEMICAL FORM NA

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.	NA	T3. RCRA WASTE	X	
		T4. TSCA WASTE		X
T2. PROCESS KNOWLEDGE FORM NO.	0003	T5. UNDERLYING HAZARDOUS CONSTITUENTS		X

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☒ NO	ppm	ppm	☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS: Lead, CADMIUM

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS:

RADIATION DATA FROM HEALTH PHYSICS SURVEY
SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: yes

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM	X2. WASTE STREAM ID	X3. FORM CODE	X4. SOURCE CODE
☐ A ☐ AC ☐ B ☒ C	PA-F020	B307	A59

X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA
501		23,24	☐ YES ☒ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D006	N/A

X14. SUBSTANCE NAME: CADMIUM

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D008	N/A

X14. SUBSTANCE NAME: LEAD

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

WASTE ITEM CONTAINER LOG

9. ITEM/CONTAINER	OF	DOCUMENT ID NUMBER
1	1	114012

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
114012-01	9-25-02	9-25-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
RFD 114011	1 bag	JR	9/25/02	Removed from RFD 112415-02
(1) bulb-incandescent				C-400-05

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD02C06963	☐ YES ☒ NO	N/A		ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
60	lbs	plastic liners	1A2/X430/S	N/A

119. CONTAINER GENERATOR SIGNATURE: Jessie Ross

DATE: 4-18-03

UCN-20700 PAGE 2

7

WAST

10. ITEM/CONTAINER	OF	DOCUMENT ID NUMBER
		114012

WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
14012-01	9-25-02	9-25-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
114011-01 Incandescent light Bulb	1 bag	AH	9-25-02	from 400-05, RFD 112415-02
	—	—	—	
				Contents consolidated into RFD 110321-01 TR 5/5/03
				REF
NOT full closed 10/22/02				

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD02C06963	☐ YES ☒ NO	NA	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
	lb	plastic	~~1A2/X430/S~~ 1A2/X60/S	NA

CONTAINER GENERATOR SIGNATURE	DATE
R J Dutrell	11-5-02

UCN-20700 PAGE 2

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: K Y 8 8 9 0 0 0 8 9 8 2
Manifest Document No.: 0 0 5 1 5
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
US DOE c/o WESKEM, LLC.
~~207 KENTUCKY AVE.~~ 5600 Hobbs Rd
~~KEVIL, KY 42053~~ Paducah, KY 42002
4. Generator's Phone (270) 441-5339

A. State Manifest Document Number: NA
B. State Generator's ID: 5600 Hobbs Road, Paducah KY

5. Transporter 1 Company Name: R & R TRUCKING CO.
6. US EPA ID Number: M O R 0 0 0 5 0 1 9 7 3
C. State Transporter's ID: HM-B5493
D. Transporter's Phone: 417-623-8885

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
WASTE MANAGEMENT INC.
ALABAMA HIGHWAY 17 NORTH
MILE MARKER 163
EMELLE, AL 35459
10. US EPA ID Number: A L D 0 0 0 6 2 2 4 6 7
G. State Facility's ID: SAME
H. Facility's Phone: (800) 652-5755

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA 3077, III (D007, D008)	X	0 0 1	D M	0 0 0 1 4	P	D004, D005, D006, D007, D008, D009, D010, D011
b.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA 3077, III (D006, D010)	X	0 0 1	D M	0 0 1 5 4	P	D006, D010
c.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA 3077, III (D006, D008)	X	0 0 1	D M	0 0 0 1 6	P	D006, D008
d.							

GENERATOR

J. Additional Descriptions for Materials Listed Above
A.) GA 0632, ADEM 073105-0040 (magnatron and vacuum tubes)
B.) VA 0631, ADEM 073105-0039 (selenium rectifiers)
C.) 607226, ADEM 103104-0060 (light tubes, fuses, and resistors)

K. Handling Codes for Wastes Listed Above
H-132/M-132

15. Special Handling Instructions and Additional Information
EMERGENCY RESPONSE PHONE # 800-424-9300 (CHEMTREC), DIKE AND CONTAIN SPILL
ERG # 171, IF MATERIAL IS UNDELIVERABLE, RETURN TO GENERATOR, CERTIFICATE OF DISPOSAL REQUIRED
TRAILER # 50728
CARRIER BILL TO: WESKEM, LLC., 105 MITCHELL RD., SUITE 100, OAK RIDGE, TN 37830 PO# PA-02243

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Scott West On Behalf of US DOE
Signature: Scott West
Month Day Year: 10 8 1 9 0 3

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Steve M. Gilleland
Signature: Steve M. Gilleland
Month Day Year: 10 8 1 9 0 3

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space: slip to CWMA # 28677/6 no gal 2 under RCC!
11a Corrected profile per PS 403 VLD 8/20/03 for tracking Corrected Section 3 per Scott West 8/20/03

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Bobby Holycross
Signature: Bobby Holycross
Month Day Year: 10 8 2 0 0 3

EPA Form 8700-22 ORIGINAL - RETURN TO GENERATOR

WMI

Waste Management, Inc.
Emelle Facility
P.O. Box 55
Emelle, Alabama 35459-0055
(205)652-9721

Note: CWMA number used for tracking purposes only!

SEP 8 AM 10:54

US DOE
5600 HOBBS RD
PO BOX 1410
PADUCAH, KY 42002-1410

Site Information:

US DOE
5600 HOBBS RD
PO BOX 1410
PADUCAH,KY 42002-1410

ACKNOWLEDGEMENT OF RECEIPT OF WASTE SHIPMENT

Generator Name: US DOE
Enclosed is/are your Generator Number Two copy / copies for Alabama Manifest Numbers:

CWMA-0000286716

This copy is to acknowledge that Chemical Waste Management, Inc., of Emelle, Alabama has received your shipment. As a requirement of 40 CFR 264.12 (b), this letter serves to inform you that this facility has the proper permits and will accept your shipment upon completion of waste analysis procedures specified in the facility's Waste Analysis Plan and as determined in the approval waste profile submitted for this/these wastes.

As of September 26, 1997, Chemical Waste Management, Inc., Emelle Alabama (ALD000622464) is operating under a AHWMMA Permit, issued by the Alabama Department of Environmental Management. (RCRA)

Dorothy Oliver DO
Recordkeeping and Reporting Supervisor

September 05, 2003

Shipped 3-19-03 Waste Mgmt Emelle, AL

DOE HAZARDOUS WASTE RFD

Request For Disposal

Document ID Number 114100

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
Eric Kimmins	703681	5140	C-243-T1	N/A

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
WESKEM	DOE	PGDP	~~C-333 Dismantling~~	DMSA Areas	☑ Yes ☐ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	LEG	A93	N/A	SOLID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT005, MT007	PGDP	C-252-A	C-752-A	☐ A ☑ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. Collection Drum for NON-RAD Light Bulbs from DMSA Areas
incandescent

CLOSED 9/25/02

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
NA	Eric Kimmins	9-16-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area

REVIEWED FOR CLASSIFICATION

P4. PPE Requirements
SEE FWR-6386

P5. Container-Labeling Requirements
XWCL

✓ RCRA ___ PCB ___ DET PCB (<50ppm & source <50ppm) ___ RAD ✓ DOE
___ FISSILE ___ NCS EXEMPT ___ RD CONTAMINATION ___ ACID ___ USEC
___ FLAMMABLE ___ COMBUSTIBLE ___ OXIDIZER ___ BASE ___ WESKEM
___ ASBESTOS ___ REACTIVE ___ TRU NUCLIDE ___ NON-HAZ

Initials CJW Date 1-7-03

UNCLASSIFIED

P6. Additional Handling Instructions
CLOSE COLLECTION CONTAINER.
VERIFY LABELING, WEIGH, PLACE IN PERMITTED STORAGE.
SEE FWR. 6386

Reference FWR	6386
Origin Date	9/16/02
PCB Start Date	N/A
RCRA Start Date	9/16/02

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
JR Hayne	600721	12/5/02	BJW	34252	12.18.0

P9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date
[illegible]	704287	12/19/02	[illegible]	703232	12-31-02

P11. Waste Item Information

Waste Item No. 114100-01
Container No. (Barcode) PAD02606012
Weight 65 LBS
Location and Grid C752A- ~~[illegible]~~ A-02
Container Size 55

P12. Operator Comments
AD - 9/16/02
~~CLOSED 9/25/02~~

BJCF-515a (03/01)

WITS NON DAN received

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 114100

PROHIBITED ITEMS	ADDITIONAL WASTE CHARACTERISTICS			
B1. CHEMICALLY INCOMPATIBLE SUBSTANCES ☐ YES ☒ NO	B3. CHELATING AGENTS ☐ YES ☒ NO	B4. ION EXCHANGE RESINS ☐ YES ☒ NO	B5. pH N/A	B6. CORROSIVITY TO STEEL N/A mm/yr
B2. WASTE VARIANCE REQUEST NUMBER(s) N/A	B7. FLASHPOINT ☐ N/A ☐ F	B8. BOILING POINT ☐ N/A ☐ F	B9. DETECTABLE PCB (Source <50 ppm) ☐ YES ☒ NO CONC. ppm	B10. WASTEWATER ☐ YES ☒ NO
	B11. RADIOACTIVE ☐ YES ☒ NO			

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER		
R1. ANALYSIS SAMPLE ID NO.	N/A		
R2. PROCESS KNOWLEDGE FORM NO.	N/A		
R3. FISSLE CONTENT (Wt% U-235) N/A	R4. GRAMS U-235 N/A	R5. NCS EXEMPT ☒ YES ☐ NO	R5. CHEMICAL FORM N/A

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO. N/A		T3. RCRA WASTE	✓	
		T4. TSCA WASTE		✓
T2. PROCESS KNOWLEDGE FORM NO.	See attached fact sheets	T5. UNDERLYING HAZARDOUS CONSTITUENTS		✓

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☒ NO	N/A ppm	N/A ppm	☐ ~~50-499~~ ~~99~~ N/A ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS: Lead Solder

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS:

RADIATION DATA FROM HEALTH PHYSICS SURVEY
SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: Yes-individual surveys for internal RFDs will be attached to t

R8. TRANSFERABLE (Alpha) dpm/100cm2	R9. FIXED (Alpha) dpm/100cm2
R10. TRANSFERABLE (Beta/Gamma) dpm/100cm2	R11. FIXED (Beta/Gamma) dpm/100cm2
R12. EXTERNAL DOSE/PACKAGE CONTACT MREM/HR	R13. DOSE RATE MREM/HR @ METERS (B/G)
R14. HP SIGNATURE	R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM	X2. WASTE STREAM ID	X3. FORM CODE	X4. SOURCE CODE
☐ A ☐ AC ☐ B ☒ C	PA-F020	B307	A59

X5. HANDLING CODE	X6. LDR CODE	X7. REACTIVITY GROUP NUMBER	X8. GENERATED FROM A NON-RMMA
S01		23,24	☐ YES ☒ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D006	

X14. SUBSTANCE NAME: CADMIUM

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D008	

X14. SUBSTANCE NAME: LEAD

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	OF	DOCUMENT ID NUMBER
1	1	114100

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
114100	8-21-02	8-21-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
RFD 113757	1 bag	JR	8-21-02	removed from RFD 113018-01
(6) light bulbs				C-333-23
RFD 113457	1 bag	JR	8-22-02	removed from RFD 113278-01
(4) light bulbs				C-333-23
RFD 113977	1 bag	JR	8-22-02	removed from lantern frame
(1) headlight				C-400-05
RFD 113992	1 bag	JR	9-9-02	removed from RFD 113965-01
(13) light bulbs				C-310-02
RFD 114003	1 bag	JR	9-16-02	removed from RFD 113658-01
(2) light bulbs				C-310-02
RFD 114099	1 bag	JR	9-16-02	removed from RFD 114094-01
(1) light bulb				C-331-06
RFD 114043	1 bag	JR	9-18-02	removed from RFD 113917-01
(1) light bulb				C-310-02
RFD 114152	1 bag	JR	9-25-02	removed from RFD 114125-01
(1) light bulb				C-331-06
RFD 114154	1 bag	JR	9-25-02	removed from RFD 114112-01
(10) light bulbs				C-331-06
RFD 113035	1 bag	JR	9-26-02	removed from RFD 112423-01
(6) light bulbs				C-333-23
RFD 113042	1 bag	JR	9/27/02	removed from RFD 112899-01
(6) light bulbs				C-333-23

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS?	QUANTITY	TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD02C06012	☐ YES ☑ NO			N/A	00.369	ft^3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
	lbs	plastic liner	1A2/X430/S	N/A

119. CONTAINER GENERATOR SIGNATURE

DATE 4-25-03

Pg 1

Waste Item Container Log

10. Item/Container 1 of 1			Document ID Number 114100
11. Waste Item ID No. 114100-01	12. Origin Date 3-6-03	13. RCRA Accumulation Start Date 8-21-02	14. PCB Date To Storage N/A

15. Waste Material Placed In (Or Removed From) Container	16. Quantity	17. Depositor Initial	17. Depositor Date	18. Comments (If Waste is removed from container, then final disposition must be noted.)
6 Light Bulbs	6			RFD 113042-01
6 Light Bulbs	6			RFD 113757-01
bulbs	6			113035-01
Bulbs	10			114154-01
bulb	1			114043-01
Bulbs	2			114063-01
Bulb	1			114099-01
Ruby Red Bulb	1			114152-01
Sealed lead light	1			113977-01
Bulbs	13			113992-01
Bulbs	4			113457-01
				113998-01
fuses	4			113033-01
fuses	7			114153-01
fuses	5			114048-01
fuses	2			114042-01
fuses	7			114005-01
fuses	1			114097-01
fuses	3			113758-01
fuses	8			113997-01
fuses	18			113040-01
fuses	4			113756-01

19. Container ID No. (Barcode) PAD039086 3	10. Absorbent Materials? Quantity Type ☐ Yes ☒ No	11. NMC&A Form	12. Est. Net Volume 3	13. Units Gal
14. Gross Weight 16	15. Units LBS	16. Inner Container Type	17. Outer Container Type 1A2/X60/S	18. Tank Seal Number
19. Container Generator Signature				Date 8/11/03

BJCF-555 (09/01)

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER 1 OF 1

DOCUMENT ID NUMBER 113887

11. WASTE ITEM ID NO. 113887-01

12. ORIGIN DATE 8/22/02

13. RCRA ACCUMULATION START DATE 8/22/02

14. PCB DATE TO STORAGE N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
10 Selenium Rectifier Plates And 5 Spacers	1 bag	LB/S	8/22/02	RFd 113886-01 from GE(331-05)
30 Selenium Rectifiers Plates And 15 Spacers	1 bag	RM/S	8/23/02	RFd 113889-01 from 331-05 RFd 113833
30 Plates And 30 Spacers	1 bag	LB/S	8/26/02	RFd 114051-01 from 113833-01 331-05
20 Spacers And 20 Plates	1 bag	LB/S	8/30/02	RFd 114052-01 from RFd 113833-01 331-05
20 Plates And 10 Spacers	1 bag	LB/S	9/5/02	RFd 114053-01 from RFd 113833-01 331
20 Plates And 10 Spacers	1 bag	LB/S	9/4/02	RFd 114026-01 from RFd 113833-01 331
20 Plates and 20 Spacers	1 bag	RDM/S	9/5/02	RFd 114027-01 from RFd 113833-01, 331
20 Plates And 20 Spacers	1 bag	RDM/S	9/6/02	RFd 114031-01 from RFd 113833-01/331-05
20 Plates And 20 Spacers	1 bag	RDM/S	9/9/02	RFd 114034-01 from RFd 113833-01 331-05
20 Plates and 20 Spacers	1 bag	LB/S	9/10/02	RFd 114035-01 from RFd 113833-01 "
10 Plates and 20 Spacers	1 bag	RDM/S	9/11/02	RFd 114036-01 " " "
10 Plates And 20 Spacers	1 bag	LB/S	9/12/02	RFd 114037-01 " " "
10 Plates and 22 Spacers	1 bag	APH/S	9/13/02	RFd 114038-01 from RFd 113833-01 331-05

19. CONTAINER ID NO. (Barcode) PAD02C06956

20. ABSORBENT MATERIALS? ☐ YES ☒ NO QUANTITY TYPE

21. NMCSA FORM N/A

22. EST. NET VOLUME 7.4

23. UNITS A3

24. GROSS WEIGHT 154

25. UNITS

26. INNER CONTAINER TYPE Plastic Liner

27. OUTER CONTAINER TYPE 1A2/Y430/S

28. TANK SEAL NUMBER N/A

29. CONTAINER GENERATOR SIGNATURE [signature]

DATE 9/13/02

UCN-20700 PAGE 2

Full 9/13/02

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
1 OF 1	115682

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
115682-01	8/22/02	8-22-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
vacuum tubes (9)	1 bag	JL	8/22/02	removed from RFD 113278-01 OMSA 333-23 located @ 333-19
magnetron tube (1)	1 bag	JL	9/10/02	removed from RFD 113278-01 OMSA 333-23 located @ 333-19

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PA003 C01012	☐ YES ☒ NO	N/A	.041	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
14	lbs	plastic bag	Lw 2 x 60 S/03	N/A

119. CONTAINER GENERATOR SIGNATURE: Geni Ross

DATE: 5/6/03

UCN-20700 PAGE 2

Collection Container-Incandescent Light Bulbs
Closed & Originals to Data Processing

114100	C-752-A		RFD copy
113042		C-333-23	RFD copy
113457		C-333-23	RFD copy
113757		C-333-23	RFD copy
113977		C-400-05	RFD copy
113992		C-310-02	RFD copy
114003		C-310-02	RFD copy
114043		C-310-02	RFD copy
114099		C-331-06	RFD copy
114152		C-331-06	RFD copy
114154		C-331-06	RFD copy

6/9/03

P8 2

Waste Item Container Log

I0. Item/Container 1 of 1			Document ID Number 114100
I1. Waste Item ID No. 114100-01	I2. Origin Date 3-6-03	I3. RCRA Accumulation Start Date 8-21-02	I4. PCB Date To Storage N/A

I5. Waste Material Placed In (Or Removed From) Container	I6. Quantity	I7. Depositor Initial	I7. Depositor Date	I8. Comments (If Waste is removed from container, then final disposition must be noted.)
				115681-01
Resistors	4			113458-01

I9. Container ID No. (Barcode) PAD03C0086 3	I10. Absorbent Materials? Quantity Type ☐ Yes ☒ No		I11. NMC&A Form	I12. Est. Net Volume 5	I13. Units Gal
I14. Gross Weight 16	I15. Units LBS	I16. Inner Container Type	I17. Outer Container Type 1A2/X60/S		I18. Tank Seal Number
I19. Container Generator Signature [signature]				Date 8/11/03	

EICF-559 (06/01)

RFD

DOE HAZARDOUS WASTE

Request For Disposal

Document ID Number 113998

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WC
Alisa Hagen	062537	5236	C-743-TR1	NA

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Area	W11. Rad Area?
WESKEM	DOE	PGDP	~~C-310~~ C-752	C-752A	☒ Yes ☐ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
1	AH9902 AHA LEG	AH9902 LE A 93	NA	Solid

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachmen
MT007	PGDP	C-752	C-752-A	☐ A ☒ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste		✓			
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

Waste Description / Comments

W32. Collection Container for fuses non-Rad

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marke with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
NA	Alisa Hagen	9-9-02

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
NA	NA	NA

P4. PPE Requirements NA

P5. Container-Labeling Requirements ✓ WCL

✓ RCRA ___ PCB ___ DET PCB (<50ppm & source <50ppm) ___ RAD ✓ DOE
___ FISSILE ___ NCS EXEMPT ___ RD CONFIDENTIAL ___ ACID ___ USEC
___ FLAMMABLE ___ COMBUSTIBLE ___ OXIDIZER ___ BASE ___ WESKE
___ ASBESTOS ___ REACTIVE ___ TRANSURANIC ___ NON-HAZ

P6. Additional Handling Instructions Verify labeling, barcode, location

Reference FWR 6324
Origin Date ~~7-2-02~~ AH 9-9
PCB Start Date NA
RCRA Start Date 9-9-02

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
JR Hayne	600721	10/25/02	[illegible]	706814	12-4-
P9. Field Supervisor	**Badge**	**Date**	**P10. Data Processing Completed By**	**Badge**	**Date**
[illegible]	704287	12/09/02			

P11. Waste Item Information
Waste Item No. 113998-01
Container No. (Barcode) FAD02C06961
Weight 13 lbs
Location and Grid C-752-A A-03
Container Size ~~9.4 ft3~~ ~~WRS~~ ~~JBS~~ 12-4-02

P12. Operator Comments
~~No log sheet~~ JR 4-23-03
1A2/X60/S

DMCA

BJCF-515a (03/01)

Completed

received DEN

RCRA AND/OR TSCA WASTE

ATTACHMENT B

DOCUMENT ID NUMBER: 113998

PROHIBITED ITEMS

B1. CHEMICALLY INCOMPATIBLE SUBSTANCES: ☐ YES ☒ NO

B2. WASTE VARIANCE REQUEST NUMBER(s): NA

ADDITIONAL WASTE CHARACTERISTICS

B3. CHELATING AGENTS: ☐ YES ☒ NO

B4. ION EXCHANGE RESINS: ☐ YES ☒ NO

B5. pH:

B6. CORROSIVITY TO STEEL: mm/yr

B7. FLASHPOINT: ☐ C ☐ F

B8. BOILING POINT: ☐ C ☐ F

B9. DETECTABLE PCB (Source <50 ppm): ☐ YES ☒ NO CONC. ppm

B10. WASTEWATER: ☐ YES ☒ NO

B11. RADIOACTIVE: ☐ YES ☒ NO

RADIOISOTOPE DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER
R1. ANALYSIS SAMPLE ID NO.	see attached Survey
R2. PROCESS KNOWLEDGE FORM NO.	0606

R3. FISSLE CONTENT (Wt% U-235)	R4. GRAMS U-235	R5. NCS EXEMPT	R5. CHEMICAL FORM
NA	NA	☒ YES ☐ NO	NA

RCRA/TSCA DETERMINATION METHOD

DOCUMENT TYPE	DOCUMENT NUMBER	DETERMINATION	YES	NO
T1. ANALYSIS SAMPLE ID NO.	NA	T3. RCRA WASTE	X	
		T4. TSCA WASTE		✓
T2. PROCESS KNOWLEDGE FORM NO.	0606	T5. UNDERLYING HAZARDOUS CONSTITUENTS		✓

T6. PCBs PRESENT	T7. PCB CONCENTRATION	T8. PCB SOURCE CONCENTRATION	T9. PCB SOURCE CONCENTRATION RANGE (ppm)
☐ YES ☒ NO	ppm	ppm	☐ 50-499.99 ☐ >=500

T10. KNOWN HAZARDOUS CONSTITUENTS

T11. KNOWN UNDERLYING HAZARDOUS CONSTITUENTS

RADIATION DATA FROM HEALTH PHYSICS SURVEY SURFACE CONTAMINATION (Data Supplied by HP)

R7. HP SURVEY REQUIRED: yes

R8. TRANSFERABLE (Alpha): dpm/100cm2

R9. FIXED (Alpha): dpm/100cm2

R10. TRANSFERABLE (Beta/Gamma): dpm/100cm2

R11. FIXED (Beta/Gamma): dpm/100cm2

R12. EXTERNAL DOSE/PACKAGE CONTACT: MREM/HR

R13. DOSE RATE: MREM/HR @ METERS (B/G)

R14. HP SIGNATURE

R15. SURVEY NUMBER

REGULATORY CODES (Completed by Waste Management)

X1. PCB ITEM: ☐ A ☐ AC ☐ B ☒ C

X2. WASTE STREAM ID: PA-D030

X3. FORM CODE: B307

X4. SOURCE CODE: A59

X5. HANDLING CODE: S01

X6. LDR CODE:

X7. REACTIVITY GROUP NUMBER: 23,24

X8. GENERATED FROM A NON-RMMA: ☐ YES ☒ NO

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	—	D008	N/A

X14. SUBSTANCE NAME: LEAD

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

☐ X15. CONSITUENT CONTINUATION SHEET(s) THROUGH ATTACHED.

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER		DOCUMENT ID NUMBER
1 OF 1		113998

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
113998-01	8/21/02	8/21/02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
113756-01 FUSES	4	RGF	8/21/02	FROM 113017-01 DMSA 333-23
113758-01 FUSES	3	RGF	8/21/02	FROM 113018-01 DMSA 333-2
113997-01 FUSES	~~2~~ 8	BS	9/9/02	FROM (2) 113965-01 FROM (6) 113918-01 DMSA 310-02
114005-01 FUSES	7	BO	9/16/02	(3) FROM 113918-01 (4) FROM 113917-01 DMSA 310-02
114097-01 FUSES	1	RN	9/16/02	FROM 114094-01 DMSA 331-06
114042-01 FUSES	3	BO	9/18/02	(2) 113917-01 (1) 113908-01 DMSA 310-02
114048-01 FUSES	5	RN	9/20/02	FROM 114126-01 DMSA 331-06
114153-01 FUSES	7	ARH	9/25/02	from 114112-01 DMSA 331-06
113033-01 FUSES	4	RGF	9/26/02	from 112923-01 DMSA 333-2
113040-01 FUSES	18	DJ	9/27/02	from 112899-01 DMSA 333-2

FULL

19. CONTAINER ID NO (Barcode)	110 ABSORBENT MATERIAL? QUANTITY TYPE	111 NMC&A FORM	112 EST NET VOLUME	113. UNITS
PAD02C06961	[ ] YES [X] NO	N/A		ft3

114 GROSS WEIGHT	115 UNITS	116. INNER CONTAINER TYPE	117 OUTER CONTAINER TYPE	118 TANK SEAL NUMBER
	lbs.	Plastic	1A2/X430/S	N/A

119 CONTAINER GENERATOR SIGNATURE: [signature]

DATE 3/11/03

UCN-20700 PAGE 2

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	OF	DOCUMENT ID NUMBER
1	1	113998

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
113998-01	9-9-02	9-9-02	N/A

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
1 Bag Fuses	8	BS	9-9-02	From 113997-01 TO 113998-01
1 Bag Fuses	1	RN	9-16-02	RFD# 114097 From RFD# 114094-01
7 Fuses	1 bag	BO	9-16-02	RFD# 114005-01 From 113918-01 a 113917-01 113908
~~3 Fuses~~ 3 Fuses	1 bag	BO	9-18-02	RFD# 114042-0 From 113197-01
5 FUSES	1 Bag	KU	9-20-02	RFD# 114048 FROM 114126 ~~114145~~
7 fuses	1 bag	ARH	9/25/02	Rfd # 114153 from Rfd # 114112
Fuses 113040-01	18	DJ	9-27-02	From 112899-01 333-23

Closed
JR 1-17-03
10/22/02

19. CONTAINER ID NO. (Barcode)	110. ABSORBENT MATERIALS? QUANTITY TYPE	111. NMC&A FORM	112. EST. NET VOLUME	113. UNITS
PAD02C06961	☐ YES ☒ NO	NA	7.4	ft3

114. GROSS WEIGHT	115. UNITS	116. INNER CONTAINER TYPE	117. OUTER CONTAINER TYPE	118. TANK SEAL NUMBER
	lbs	plastic	1A2/1430/S	NA

119. CONTAINER GENERATOR SIGNATURE: Alisa [illegible]

DATE: 10/22/02

UCN-20700 PAGE 2

NON-RAD

Collection Container-Fuses
Closed & Shipped

113998	C-752-A		RFD copy
113033		C-333-23	RFD Copy
113040		C-333-23	RFD Copy
113756		C-333-23	RFD Copy
113758		C-333-23	RFD Copy
113997		C-310-02	RFD Copy
114005		C-310-02	RFD Copy
114042		C-310-02	RFD Copy
114048		C-331-06	RFD Copy
114097		C-331-06	RFD Copy
114153		C-331-06	RFD Copy

5/13/03

RW

Please print or type.

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: K Y 8 8 9 0 0 0 8 9 8 2
Manifest Document No.: 0 0 5 4 7

2. Page 1 of 2

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
U.S. DOE C/O WESKEM, LLC.
5600 Hobbs Rd., MS 7431
Paducah, KY 42001

4. Generator's Phone (270) 441-5339

A. State Manifest Document Number: N/A

B. State Generator's ID: SAME

5. Transporter 1 Company Name: Kindrick Group T.A.G. Transport

6. US EPA ID Number: T N R 0 0 0 0 0 3 1 1 1

C. State Transporter's ID: N/A

D. Transporter's Phone: (865) 882-0457

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
ETTP TSCA Incinerator
Blair Rd.
Oak Ridge, TN 37830

10. US EPA ID Number: T N 0 8 9 0 0 9 0 0 0 4

G. State Facility's ID: SAME

H. Facility's Phone: (865) 241-2100

	11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	HM	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	Waste Flammable Liquids, N.O.S., (Acetone), 3, UN 1993, PG II (RQ =Polychlorinated Biphenyls)	RQ	0 0 1	T T	09335 ~~4 1 8 0 6~~	K	D028, D018, F005, D019, F039, D008, D001, F003, U002
b.							D006, F002, U080, D040, F001, U228, D007, D004, D009
c.							D010
d.							

GENERATOR

J. Additional Descriptions for Materials Listed Above
A.) RFD # K203968 Waste Codes are in section I.a., I.b., & I.c.
See PCB Attachment
Gallons Net Wt. Kg

K. Handling Codes for Wastes Listed Above
M041/H040/T007

15. Special Handling Instructions and Additional Information
Emergency Respone Guide #128 For Emergency Response Contact : CHEMTREC 1-800-424-9300
For alternate TSDRF return to generator.
Tanker Number:
Carrier bill to: WESKEM, 105 Mitchell Road, Suite 100, Oak Ridge, TN 37830 Carrier PO # PD-02320

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Scott West on Behalf of U. S. DOE
Signature: Scott West
Month Day Year: 10 9 13

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Stephen Ray
Signature: Stephen Ray
Month Day Year: 09 19 13

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Bryan Schick on behalf of US DOE
Signature: Bryan Schick
Month Day Year: 10 9 13

EPA Form 8700-22 ORIGINAL - RETURN TO GENERATOR

Attachment to Manifest # 00547

PCB Attachment

RFD #	Vol m3	Description	Gross Wt.	Waste Codes	DTS	RCRA Date	Total Act. (MBq)
K 203968	18.83	TSCA Liquids (Aqueous and Oil)	36221	D028, D018, F005, D019, F039, D008, D001, F003, U002, D006, F002, U080, D040, F001, U228, D007, D004, D009, D010	7/15/1999	7/15/1999	13.94

RFD

HAZARDOUS WASTE

DOE

Document ID Number 114784

Request For Disposal

Generation Process Information (Completed by Generator)

W1. Generator's Name (Print)	W2. Badge No.	W3. Generator's Phone No.	W3. Mail Stop	W5. Charge No. / WO
EARL Tyler	31491	442-5235	C743T1	N/A

W6. Generator's Company	W7. Corp Owner	W8. Origin Site	W9. Origin Facility	W10. Origin Sub-Area	W11. Rad Area?
WESKEM	DOE	PGDP	~~331~~ EMCAS Cove Site	~~331-16~~ EMCAS	☐ Yes ☑ No

W12. Number of Items	W13. Process Category (GCC)	W14. Process Activity Code	W15. AWA Number	W16. Physical Form
~~1~~ 2	LEG	A93 2/17/03	N/A	LIQUID

W17. Material Type(s)	W18. Holding Site	W19. Holding Facility	W20. Holding Area	W21 RFD Attachment
MT201	PGDP	C752-A	C752A	☐ A ☑ B ☐ C

Waste Subcategories (Check all that apply)

	Yes	No		Yes	No		Yes	No		Yes	No
W22. Biological		✓	W25. Const. Debris		✓	W28. Non-Friable Asbestos		✓	W31. DMSA	✓	
W23. Accountable		✓	W26. Classified		✓	W29. TRU Waste					
W24. Carcinogen		✓	W27. Friable Asbestos		✓	W30. CERCLA		✓			

REVIEWED FOR CLASSIFICATION

Waste Description / Comments

W32. Collection Container for RCRA OILS

aww — Initials; 4-24-03 — Date

UNCLASSIFIED

This is to certify that the above named material is properly described and in the stated container, which is in good condition, marked with the RFD number, content, appropriate generation date, source location, and at the stated location.

W33. Generation Plan No.	W34. Generator's Signature	Date
N/A	[signature]	2/17/03

Handling / Pickup Information (Completed by Waste Management)

P1. Pick-up Site	P2. Pick-up Facility	P3. Pick-up Room/Area
N/A	N/A	N/A

P4. PPE Requirements: SEE WORK PACKAGE

P5. Container-Labeling Requirements

X RCRA	X PCB	___ DET PCB (<50ppm & source <50ppm)	X RAD	X DOE
___ FISSILE	___ NCS EXEMPT	___ RD CONFIDENTIAL	___ ACID	___ USEC
___ FLAMMABLE	___ COMBUSTIBLE	___ OXIDIZER	___ BASE	___ WESKEM
___ ASBESTOS	___ REACTIVE	___ TRANSURANIC	___ NON-HAZ	

P6. Additional Handling Instructions

CONSOLIDATION CONTAINER FOR OIL SLATED FOR TSCA 03-01 SHIPMENT.

Reference FWR 6382
Origin Date 2/17/03
PCB Start Date 4/1/02 / 8/6/01
RCRA Start Date 4/1/02 / 8/6/01

P7. Waste Coordinator (Issued By)	Badge	Date	P8. Disposal/Storage Completed By	Badge	Date
[signature]	600721	2/28/03	[signature]	34252	3-10-03

P9. Field Supervisor	Badge	Date	P10. Data Processing Completed By	Badge	Date
[signature]	704287	04/10/03	[signature]	105577	4-16-03

P11. Waste Item Information

Waste Item No. 114784-01, ~~02~~
Container No. (Barcode) PAD03C00293
Weight 341
Location and Grid C752A-G08
Container Size 55

P12. Operator Comments

114784-02
PAD03C00294
WGT. 351
C752 G 08
AD-8/6/01 55 gal

BJCF-515a (03/01) AD-4/1/02

WITS Completed

received 2-28-03

Resource Conservation and Recovery Act (RCRA) and/or Toxic Substances Control Act (TSCA) Waste

Attachment B

Document ID Number: 114784

Prohibited Items	Additional Waste Characteristics			
B1. Chemically Incompatible Substances ☐ Yes ☑ No	B3. Chelating Agents ☐ Yes ☑ No	B4. Ion Exchange Resins ☐ Yes ☑ No	B5. pH N/A	B6. Corrosivity to Steel N/A mm/yr
B2. Waste Variance Request Number(s) N/A	B7. Flashpoint C N/A F	B8. Boiling Point C N/A F	B9. Detectable PCB (Source <50 ppm) ☐ Yes ☐ No Conc. ppm	B10. Wastewater ☐ Yes ☐ No
	B11. Radioactive ☑ Yes ☐ No			

Radioisotope Determination Method

Document Type	Document Number(s)		
R1. Analysis Sample ID Number	WILL BE Sampled		
R2. Process Knowledge Form Number			
R3. Fissile Content (Weight % U-235) N/A	R4. Grams U-235 N/A	R5. NCS Exempt ☑ Yes ☐ No	R6. Chemical Form N/A

RCRA/TSCA Determination Method

Document Type	Document Number(s)	Determination
T1. Analysis Sample ID Number N/A		T3. RCRA Waste ☒ Yes ☐ No
T2. Process Knowledge Form Number	SEE FACT Sheet	T4. TSCA Waste ~~☒ Yes~~ ☒ No JRL 7/11/03
		T5. Underlying Hazardous Constituents ☐ Yes ☒ No

T6. PCBs Present	T7. PCB Concentration	T8. PCB Source Concentration	T9. PCB Source Concentration Range
JRL 7/9/03 ~~☒ Yes~~ ☐ No	ppm	ppm	☐ 50-499.99ppm ☒ >=500ppm JRL 7/9/03

T10. Known Hazardous Constituents
CADMIUM, LEAD, MERCURY

T11. Known Underlying Hazardous Constituents
N/A

Radiation Data from Health Physics (HP) Survey Surface Contamination (Data Supplied by HP)

R7. HP Survey Required ☐ Yes ☐ No

R8. Transferable (Alpha) dpm/100cm^2	R9. Fixed (Alpha) dpm/100cm^2
R10. Transferable (Beta/Gama) dpm/100cm^2	R11. Fixed (Beta/Gama) dpm/100cm^2
R12. External Dose/Package Contact mrem/hr	R13. Dose Rate mrem/hr @ meters (B/G)
R14. HP Signature	R15. Survey Number

Regulatory Codes (Completed by Waste Management)

X1. PCB Item	X2. Waste Stream ID	X3. Form Code	X4. Source Code
☐ A ☐ AC ☐ B ☒ C	PA-B052	W206	AG16

X5. Handling Code	X6. LDR Code	X7. Reactivity Group Number	X8. Generated from a Non-RMMA
501		23,24	☐ Yes ☒ No

X9. Substance ID	X10. Concentration	X11. Units	X12. EPA Code(s)	X13. Underlying Hazardous Constituents
	—	—	D006	N/A

X14. Substance Name CADMIUM

X9. Substance ID	X10. Concentration	X11. Units	X12. EPA Code(s)	X13. Underlying Hazardous Constituents
	—	—	D008	N/A

X14. Substance Name LEAD

X15. Constituent Continuation Sheet(s) ☒ Yes ☐ No through attached.

BJCF-628 (09/02)

CONSTITUENT CONTINUATION SHEET

(Continuation Page 1 of 1)

DOCUMENT ID NUMBER 114784

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS
	—	-	D009	N/A

X14. SUBSTANCE NAME
MERCURY

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

X9. SUBSTANCE ID	X10. CONCENTRATION	X11. UNITS	X12. EPA CODE(s)	X13. UNDERLYING HAZ CONSTITUENTS

X14. SUBSTANCE NAME

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
1 OF ~~1~~ 2	114784

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
114784-01	~~2/17/03~~ 2/17/03 JW	~~JW 2/17/03~~ 4/1/02	~~JW N/A~~ ~~4/1/02~~ N/A 7/9/03

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
RFD 110900-01	1	JW	2/17/03	
110900-03	1	JW	2/17/03	
112169-01	1	JW	2/17/03	
112174-01	1	JW	2/17/03	
112176-04	1	JW	2/17/03	
112182-01	1	JW	2/17/03	
112182-02	1	JW	2/17/03	
112182-03	1	JW	2/17/03	
112182-04	1	JW	2/17/03	
112182-07	1	JW	2/17/03	
112188-01	1	JW	2/17/03	
112190-01	1	JW	2/17/03	
112190-02	1	JW	2/17/03	
112192-01	1	JW	2/17/03	
112377-01	1	JW	2/17/03	
112677-01	1	JW	2/17/03	
112727-01	1	JW	2/17/03	
112676-03	1	JW	2/17/03	
		FULL		

19. CONTAINER ID NO (Barcode)	110 ABSORBENT MATERIALS?	QUANTITY	TYPE	111 NMC&A FORM	112 EST NET VOLUME	113. UNITS
PAD03C00293	[ ] YES [✓] NO				55	ft³

114 GROSS WEIGHT	115 UNITS	116. INNER CONTAINER TYPE	117 OUTER CONTAINER TYPE	118 TANK SEAL NUMBER
341	lbs.		? Blue 55 gal Poly	

119 CONTAINER GENERATOR SIGNATURE: [signature]

DATE 2/25/03

WASTE ITEM CONTAINER LOG

10. ITEM/CONTAINER	DOCUMENT ID NUMBER
2 of 2	114784

11. WASTE ITEM ID NO.	12. ORIGIN DATE	13. RCRA ACCUMULATION START DATE	14. PCB DATE TO STORAGE
114784-02	2/17/03	~~2/17/03~~ 8/6/01	~~N/A~~ ~~8/6/01~~ 7/9/03

15. WASTE MATERIAL PLACED IN (Or Removed From) CONTAINER	16. QUANTITY	17. DEPOSITOR INITIAL	17. DEPOSITOR DATE	18. COMMENTS (If Waste is removed from container, then final disposition must be noted.)
110572-01	1	S.A.N.	2-17-03	
110620-01	1		2-17-03	
110888-01	1		2-17-03	
110900-02	1		2-17-03	
110900-04	1		2-17-03	
112167-01	1		2-17-03	
112176-01	1		2-17-03	
112176-02	1		2-17-03	
112176-03	1		2-17-03	
112182-05	1		2-17-03	
112182-06	1		2-17-03	
112182-08	1		2-17-03	
112182-09	1		2-17-03	
112182-10	1		2-17-03	
112182-11	1		2-17-03	
112193-01	1		2-17-03	
112326-01	1		2-17-03	
112428-01	1		2-17-03	
112701-01	1		2-17-03	
112836-01	1		2-17-03	
112847-01	1		2-25-03	
112179-01	1		2-17-03	
112676-01	1		2-17-03	
112676-02	1		2-17-03	
112702-01	1	✓	2-25-03	
				FULL

19. CONTAINER ID NO (Barcode)	110 ABSORBENT MATERIALS?	QUANTITY	TYPE	111 NMC&A FORM	112 EST NET VOLUME	113. UNITS
PAD03C00294	[ ] YES [ ] NO				55	gal

114 GROSS WEIGHT	115 UNITS	116. INNER CONTAINER TYPE	117 OUTER CONTAINER TYPE	118 TANK SEAL NUMBER
351			?Blue 55 gal poly	

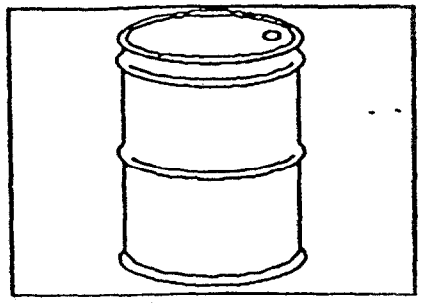
119 CONTAINER GENERATOR SIGNATURE: [signature]

DATE: 2/25/03

UCN-20700 PAGE 2

USED OIL/WASTE OIL

Destined for Recycling or Handled as Waste



- Used oil that can be used again in the same system and is not mixed with a solvent or other material (excluding radioactive contamination) that would make the oil mixture a hazardous waste must follow these guidelines:
    - Must be stored in tanks or containers and these units must be in good condition with no visible leaks.
    - Tanks, containers, such as pales or buckets, and associated piping must be labeled with the words "recyclable used oil." The labeling requirement pertains only to those units that collect used oil once the oil has exited a process or a system via leaks, etc.
    - There is no quantity limitation on the amount of used oil that may be stored in a tank or a container.
    - Preference should be given to return the oil from the system from which it originated to prevent cross contamination throughout the plant.
    - Dielectric fluid containing 50 ppm or more of PCBs is exempt from this regulation because it is governed by TSCA regulations which take precedence.

- If used oil has been mixed with hazardous constituents, such as TCE, some metals, etc., once a determination is made that the oil can no longer be returned to a system, the oil must be stored in a satellite accumulation area (SAA), or a 90-day accumulation area meeting all the applicable requirements. Once oil is placed in an SAA, it must stay in that SAA until picked up by Waste Management.

- The waste code of D018 is written on the Hazardous Waste Label which is placed on both sides of the drum. Other waste codes may be necessary depending on other hazardous constituents in the oil. The contents must be identified, and a waste container label must be on the drum when full. Contact Waste Management Operations for guidance on setting up the SAA.

- Please remember the mixture of used oil and a solvent or other hazardous material may make the waste hazardous. If you have any questions or require additional information concerning used oil, please contact the Waste Policy Department at Extension 6693, or Waste Management Operations Department at Extension 6319. For "off-shift" hours, contact the shift superintendent at Extension 6211.

Environmental and Waste Management Division
Fact Sheet No. 3
Issue Date: March 8, 1993

Container Verification & Acceptance Form

Container Information

RFD/Container # 114784-01 Barcode # PAD03C00293 Date 4-10-03

Building/Grid CT52A G08 Project 2SCA 03-01 Number of Items on RFD 2

Container Type DRUM (Drum, box, etc.) Size 55 (5 gallon, 55 gallon, etc.) DOT # ? 55 Poly Pack Blue (1A1/X1.4/250/98/USA, 1A2/X400/S/98/USA, etc.)

Packaging is: ☑ Single Container ☐ Lab Pack ☐ Overpack Seal # _____

Marking & Labeling

Check all boxes that apply. *Comments*

- ☑ Markings are legible and in a contrasting color from the container.
- ☑ Markings have been applied on the upper one third of the container.
- ☑ Markings have been applied on the right on the drum seam.
- ☑ Required markings are on the container. (RFD #, contents, source, date, weight)
- ☑ Required markings are on the lid. (container number, contents)
- ☑ The correct date prefix has been applied to the container. (RCRA Hazardous-"AD", PCB-"DTS", LLW-"GD")
- ☑ Labels have been applied on the upper one third of the container.
- ☑ Labels have been applied left of the drum seam.
- ☑ Information on the Waste Container label is accurate and complete.
- ☑ All labels and markings agree with the information supplied on the RFD and Attachments.

Check all labels that appear on the container:

☑ Waste Container Label ☑ DOE ☐ USEC ☑ Hazardous ☑ PCB ☐ Detectable PCB ☑ Radioactive
☐ Confidential RD ☐ Transuranic ☐ NGS Spacing Exempt ☐ Fissionable ☐ Asbestos ☐ Tank Label
☐ Other _____

Marking and Labeling is: ☑ Acceptable ☐ Unacceptable Name B Jw Date 4-10-03

Container Condition & Contents

Check all boxes that apply.

- ☐ Bulging top, bottom, or sides
- ☐ Dirt or debris on container
- ☐ Missing lid or bung gasket
- ☐ Inadequate void space
- ☐ Physical state matches RFD
- ☐ Dents, holes, or cracks
- ☐ Loose bolt, ring, bung, or lid
- ☐ Lid without bungs (drums only)
- ☐ Free liquids present (solids)
- ☐ Other _____
- ☐ Corrosion, paint deterioration
- ☐ Misaligned bolt and ring assembly
- ☐ Missing or inadequate liner
- ☐ No absorbent added (solids)

☐ Pallet used with this container is acceptable for storage.
☐ Container contents match with the information supplied on the RFD, attachment, and container log sheet.

List Non-conforming items - Resolution and Correction: _____

NOTE: If contents are liquid - what is the pH _____?

Container Condition and Contents are: ☑ Acceptable ☐ Unacceptable

Name B Jw Date 4-10-03

Waste Coordinator Review

Waste Coordinator J R Hayn Date 4/11/03

DMSA C-400-05 REUSABLE MATERIAL INVENTORY

Description	Original E#	Material Classification	Column #	Barcode	# Items	Estimated Volume (ft3)	Estimated Weight (lbs)	Material Transferred to USEC
Assorted Bearings and Parts	E00196	Reusable	Main Bay	DMSA0110858	1	10	575	No
Assorted Pipe Fittings, Copper Tubing Fitting and Assorted Sizes of Copper Tubing	E00197	Reusable	Main Bay	DMSA0110859	1	5	300	No
Assorted Valves and Valve Operators	E00198	Reusable	Main Bay	DMSA0110860	1	5	300	No
Assorted Motor Couplings	E00199	Reusable	Main Bay	DMSA0110861	1	2	100	No
Assorted Gauge Blocks, Steam Traps and Flanges	E00200	Reusable	Main Bay	NA	1	5	150	No
Dillon Scale Grease Gun and Assorted Metal Parts	E00251	Reusable	Main Bay	DMSA0110863	1	3	150	No
5 Metering Pumps and Pump Parts	E00252	Reusable	Main Bay	DMSA0110864	5	10	700	No
Miscellaneous Tubing Clamps	E00253	Reusable	Main Bay	DMSA0110865	1	1	20	No
Miscellaneous Threaded Rods and Shafts	E00254	Reusable	Main Bay	DMSA0110866	1	10	575	No
Lab Hotplate and 2 Waterproof Junction Boxes	E00255	Reusable	Main Bay	DMSA0110867	1	2	100	No
2 Variable Speed Drive Units and an Electric Motor	E00256	Reusable	Main Bay	DMSA0110868	1	1	100	No
7 Assorted Size, Flex Metal Hoses	E00257	Reusable	Main Bay	DMSA0110869	7	1	50	No
Shelf Containing Washing Machine Spare Parts	E00258	Reusable	Main Bay	DMSA0110870	1	5	300	No
						Estimated Subtotal 60	***Estimated Subtotal 3,420***	

Description	Original E#	Material Classification	Column #	Barcode	# Items	Estimated Volume (ft3)	Estimated Weight (lbs)	Material Transferred to USEC
Shelf Containing Label Heated Iron Spare Parts	E00259	Reusable	Main Bay	DMSA0110871	1	2	100	No
2,000 H.P. Motor	E00260	Reusable	Main Bay	DMSA0110895	1	64	10,000	No
30", 2.5' Electronically Controlled Valve	E00261	Reusable	Cellroom	DMSA0110875	1	11.25	400	No
30", 2.5' Electronically Controlled Valve	E00262	Reusable	Cellroom	DMSA0110876	1	11.25	400	No
2 8" Block Valves	E00263	Reusable	Cellroom	DMSA0110877	2	5	700	No
2 Dryer Drive Motors	E00264	Reusable	Main Bay	DMSA0110882	2	4	80	No
6 Dryer Drive Sprockets	E00265	Reusable	Main Bay	DMSA0110883	6	3	100	No
Shelf Containing 2 Dryer Input Shafts, 2 Dryer Door Switches, 6 Dryer Blank Offs and 9 Dryer Door Latch Assemblies	E00266	Reusable	Main Bay	DMSA0110884	1	2	50	No
Shelf with 3 Dryer Blower Impellers	E00267	Reusable	Main Bay	DMSA0110885	1	3	45	No
6 Dryer Vent Transitions	E00268	Reusable	Main Bay	DMSA0110886	6	8	60	No
Dryer Lint Basket	E00269	Reusable	Main Bay	DMSA0110887	1	16	80	No
Dryer Door	E00270	Reusable	Main Bay	DMSA0110888	1	4	75	No
Dryer Drive Shroud	E00271	Reusable	Main Bay	DMSA0110889	1	20	40	No
Dryer Basket Shaft Trunion	E00272	Reusable	Main Bay	DMSA0110890	1	2	100	No
4 Dryer Drive Motor Stands	E00273	Reusable	Main Bay	DMSA0110891	4	4	80	No
Wire Sling Holder	E00274	Reusable	Main Bay	DMSA0111466	1	20	200	No
AC-92 Pump and Motor	E00275	Reusable/Fissile	Main Bay	DMSA0111467	1	175	2,500	No
55-gallon Water Vacuum	E00276	Reusable	Main Bay	DMSA0111468	1	30	300	No
Panel of Pneumatic Instruments	E00277	Reusable/Fissile	Main Bay	DMSA0111469	1	40	150	No
						Estimated Subtotal 425	***Estimated Subtotal 15,460***	

Description	Original E#	Material Classification	Column #	Barcode	# Items	Estimated Volume (ft3)	Estimated Weight (lbs)	Material Transferred to USEC
Pneumatic Instrument Panel(s) for Test Loop	E00278	Reusable	Main Bay	DMSA0111478	1	25	125	No
Motor to Compressor Alignment Fixture	E00279	Reusable	Main Bay	NA	1	0.5	10	No
Compressor to Motor Coupling	E00280	Reusable	Main Bay	DMSA0111482	1	3	100	No
Compressor Coupling Hubs	E00281	Reusable	Main Bay	DMSA0111483	1	0.5	75	No
Compressor Coupling Hub	E00282	Reusable	Main Bay	DMSA0111484	1	0.5	75	No
Compressor Coupling	E00283	Reusable	Main Bay	DMSA0111485	1	0.5	75	No
Compressor Hub	E00284	Reusable	Main Bay	DMSA0111801	1	1.6	125	No
30-gallon Can of C Clamps	E00285	Reusable	Main Bay	DMSA0215620	1	4	1,000	No
8" Pipe Tee	E00286	New/Unused	Main Bay	DMSA0215673	1	1.33	2,016	No
8" Pipe Elbow	E00287	New/Unused	Main Bay	DMSA0215672	1	1.5	20	No
8" Pipe Tee	E00288	New/Unused	Main Bay	DMSA0215674	1	1.33	20	No
8" Pipe Tee	E00289	New/Unused	Main Bay	DMSA0215675	1	1.33	20	No
Empty 55-gallon Drum	E00290	New/Unused	Main Bay	DMSA0215676	1	7.4	50	No
Compressor Shaft Lifting Device	E00291	New/Unused	Main Bay	DMSA0215680	1	0.75	30	No
Alignment Fixture	E00292	New/Unused	Main Bay	DMSA0215698	1	4	35	No
Coil of .5" Copper Tubing	E00293	Reusable	Main Bay	DMSA0215701	1	0.3	20	No
Alignment Fixture	E00294	Reusable	Main Bay	DMSA0215702	1	2.3	30	No
4 Pieces of Seal Change Fixture	E00295	Reusable	Main Bay	DMSA0215703	1	20	150	No
Piece of Scaffold	E00296	Reusable	Main Bay	DMSA0215704	1	2.5	25	No
Metal Lifting Sling	E00297	Reusable	Main Bay	DMSA0215756	1	1.5	100	No
6" PVC Pipe	E00298	Reusable	Main Bay	DMSA0215755	1	1	75	No
8" PVC Pipe	E00299	Reusable	Main Bay	DMSA0215767	1	1.25	85	No
4" PVC Pipe	E00300	Reusable	Main Bay	DMSA0215768	1	0.5	50	No
8" PVC Pipe	E00311	Reusable	Main Bay	DMSA0215794	1	6.8	150	No
						Estimated Subtotal 89.39	***Estimated Subtotal 4,461***	

Description	Original E#	Material Classification	Column #	Barcode	# Items	Estimated Volume (ft3)	Estimated Weight (lbs)	Material Transferred to USEC
Metal Carpenter's Square	E00312	Reusable	Main Bay	DMSA0215795	1	0.5	1	No
4" PVC Pipe	E00313	Reusable	Main Bay	DMSA0215796	1	0.75	75	No
Pipe Threader with Two	E00314	Reusable	Main Bay	DMSA0216615	1	0.10	15	No
2 Small Liquid Gear Pumps	E00315	Reusable	Main Bay	DMSA0216890	1	0.25	20	No
3 PIs and Coil of Copper Tubing	E00316	Reusable	ACR	DMSA0216900		1	20	No
Cardboard Box of 3 Quarts of Unused Oil	E00317	New/Unused	ACR	DMSA0216239	1	0.50	5	No
3 PIC (indicating controllers)	E00318	Reusable	Main Bay	DMSA0216250	1	0.5	50	No
4'x6' Sheet of Stainless Steel	E00319	New/Unused	Main Bay	DMSA0216265	1	0.3	100	No
Compressor Hub	E00322	Reusable	Cellroom	DMSA0216363	1	1	50	No
Metal Pipe Flange- 42" Diameter	E00323	Reusable	Cellroom	DMSA0216362	1	1	100	No
2, 000 PSI of Helium- 8" Diameter, 4.5' Tall	E00671	Reusable	ACR	DMSA0218382	1	2.8	125	No
Oxy-Ace Rig Hose, Regulator, Cart, Bottles	E00672	Reusable	Pulverizer	DMSA0218414	1	37.5	350	No
55-gallon Drum Containing UF_4	E00673	Reusable	Pulverizer	DMSA0217384	1	7.4	105	No
55-gallon Drum Containing UF_4	E00674	Reusable	Pulverizer	DMSA0217382	1	7.4	900	No
55-gallon Drum Containing UF_4	E00675	Reusable	Pulverizer	DMSA0217383	1	7.4	325	No
8 Incandescent Light Bulbs	E00676	Reusable	Pulverizer	DMSA0218701	8	0.00056	0.048	No
						Estimated Subtotal 68.40	***Estimated Subtotal 68***	
				Grand Total		***642.29***	***23,409***	

DMSA C-400-05 D&D INVENTORY

Description	Original DD#	Location	Barcode	# Items	Estimated Volume (ft^3)	Estimated Weight (lbs)	Material Transferred to USEC
A-Line	DD0010	Cellroom	DMSA0110872	1	3,260	17,250	No
B-Line	DD0011	Cellroom	DMSA0110873	1	525	5,650	No
Discharge Line	DD0012	Cellroom	DMSA0110874	1	900	9,700	No
Convector Shell with Two Back to Back Coolers	DD0013	Cellroom	DMSA0110878	1	525	32,500	No
36" Cooler Bypass Piping and 42" Valve Test Loop	DD0014	Cellroom	DMSA0110879	1	150	1,220	No
8" Valve Test Piping	DD0015	Cellroom	DMSA0110880	1	126	1,010	No
Piping Support Steel	DD0016	Cellroom	DMSA0110881	1	700	12,800	No
Test Loop Housing	DD0017	Cellroom	DMSA010892	1	40,800	13,650	No
31 Size Motor Base and Compressor Base	DD0018	Cellroom	DMSA0110893	1	84	12,700	No
33 Size Motor and Compressor Base	DD0019	Main Bay	DMSA0110894	1	380	56,500	No
20 Electrical Heaters	DD0020	Cellroom	DMSA0110896	1	20	800	No
Instrument Cabinet	DD0021	Cellroom	DMSA0110897	1	128	500	No
Instrument Cabinet	DD0022	Cellroom	DMSA0110898	1	40	150	No
Instrument Cabinet	DD0023	Cellroom	DMSA0110899	1	30	100	No
Instrument Cabinet	DD0024	Cellroom	DMSA0110900	1	12	50	No
UF_6 Release Detector	DD0026	Main Bay	DMSA0111458	1	50	300	No
Drive Motor Ventilation System	DD0027	Main Bay	DMSA0111459	1	1,200	2,000	No
Conditioning Stand	DD0028	Main Bay	DMSA0111460	1	4,250	200	No
AC-92 Pump Concrete Base	DD0029	Main Bay	DMSA0111461	1	75	18,750	No
Coolant System	DD0032	Mezzanine	DMSA0111464	1	1,650	30,000	No
Coolant Platform Steel	DD0033	Mezzanine	DMSA0111465	1	700	50,000	No
RCW Water Piping and Valves	DD0034	Mezzanine	DMSA0111472	1	40	1,800	No
					Estimated Subtotal 55,645	***Estimated Subtotal 267,630***	

Description	Original DD#	Location	Barcode	# Items	Estimated Volume (ft^3)	Estimated Weight (lbs)	Material Transferred to USEC
F_2 Storage Tank CCF/F_2 Piping and Valves	DD0035	Main Bay	DMSA0111477	1	150	600	No
Metal Step Assembly	DD0036	Main Bay	DMSA0111479	1	40	100	No
Jet Air Jet Exhaust System for CCF	DD0037	Main Bay	DMSA0111455	1	25	800	No
Metal Terminal Cabinets	DD0038	Main Bay	DMSA0111481	1	120	500	No
Metal Fixture	DD0039	Main Bay	DMSA0111486	1	64	200	No
Alignment Fixture	DD0045	Main Bay	DMSA0111490	1	1	25	No
Seal Exhaust Alumina Trap	DD0052	Main Bay	NA	1	2.5	150	No
Seal Exhaust Alumina Trap	DD0053	Main Bay	NA	1	3.5	150	No
Lube Oil System (North)	DD0054	Main Bay	DMSA0111491	1	300	2,000	No
Lube Oil System (Main)	DD0055	Main Bay	DMSA0111492	1	600	4,000	No
Lube Oil System (CCF)	DD0056	Main Bay	DMSA0111493	1	300	2,000	No
Freon Kinney Pump	DD0057	NA	DMSA0111412	1	24	300	No
Seal Exhaust Pump	DD0058	Main Bay	DMSA0111495	1	18	400	No
Seal Exhaust Pump	DD0059	Main Bay	DMSA0111496	1	18	400	No
Work Platform	DD0061	Main Bay	DMSA0111802	1	40	500	No
Nitrogen Cylinder	DD0062	Main Bay	DMSA0111803	1	1.7	50	No
Shield for Motor Brake Testing	DD0064	Main Bay	DMSA0215678	1	1.5	700	No
Coupling Guard	DD0065	Main Bay	DMSA0215705	1	3.1	100	No
Electrical Panel	DD0066	Main Bay	DMSA0215769	1	36	500	No
CCF Control Panels	DD0067	ACR	DMSA0216824	1	216	4,000	No
Test Loop Control Panel	DD0068	ACR	DMSA0216825	1	240	5,000	No
Test Loop Control Panel	DD0069	ACR	DMSA0216826	1	180	4,000	No
Relative Pressure Analyzer	DD0070	ACR	DMSA0216827	1	50	1,000	No
Line Recorder Panel	DD0071	ACR	DMSA0216828	1	80	2,000	No
Revolving Cabinet for Line Recorder	DD0072	ACR	DMSA0216830	1	6	75	No
					Estimated Subtotal 2,520	***Estimated Subtotal 29,550***	

Description	Original DD#	Location	Barcode	# Items	Estimated Volume (ft^3)	Estimated Weight (lbs)	Material Transferred to USEC
Line Recorder Slave Panels	DD0073	ACR	DMSA0216831	1	4.5	100	No
UF_6 Detector Control Cabinets	DD0107	ACR	DMSA0216832	1	10	150	No
Kitchen Unit	DD0108	ACR	DMSA0216842	1	50	500	No
Air Conditioner	DD0109	ACR	DMSA0216843	1	90	2,000	No
Water Fountain	DD0110	ACR	DMSA0216844	1	5.25	200	No
Instrument Valve Cabinets	DD0126	ACR	DMSA0216845	1	216	3,000	No
Transducer Cabinet	DD0127	ACR	DMSA0216846	1	30	450	No
Vacuum Pump Cabinet	DD0128	ACR	DMSA0216847	1	100	400	No
Metal Wall	DD0129	ACR	DMSA0216848	1	50	22,500	No
Ceiling (includes metal support, 23 light fixtures and 8 diffusers)	DD0130	ACR	NA	1	500	1,500	No
Safety Equipment Cabinet	DD0131	ACR	DMSA0216850	1	15	75	No
Sample Panel	DD0132	ACR	DMSA0216897	1	0.5	50	No
Pressure Measuring Panel	DD0133	ACR	DMSA0216898	1	0.2	25	No
Test Loop Electrical Distribution Recruit Box and Distribution System	DD0134	ACR	DMSA0216899	1	50	1,000	No
Wooden Cabinet	DD0135	ACR	DMSA0216221	1	24	200	No
Auxiliary Electrical Substation and CCF Conduit/Wiring	DD0136	Main Bay	NA	1	280	6,000	No
PGLD and Conduit	DD0137	Cellroom	DMSA0216891	1	1	100	No
4" Motor Operated Valve	DD0138	Cellroom	DMSA0216237	1	1	200	No
4" Motor Operated Valve	DD0139	Cellroom	DMSA0216236	1	1	200	No
CG Charge Valve	DD0140	Cellroom	DMSA0216234	1	0.25	50	No
Motor with Squirrel Cage	DD0141	Cellroom	DMSA0216235	1	1	75	No
3 Wire Chokers and 4 Clevices	DD0142	Cellroom	DMSA0216233	1	2	100	No
					Estimated Subtotal 1,432	***Estimated Subtotal 38,875***	

Description	Original DD#	Location	Barcode	# Items	Estimated Volume (ft^3)	Estimated Weight (lbs)	Material Transferred to USEC
Computer	DD0144	ACR	DMSA0217238	1	15	NA	No
Computer	DD0145	ACR	DMSA0217256	1	15	NA	No
Instrument Panel Cover	DD0146	Cellroom	DMSA0217705	1	425	135	No
Pipe Support	DD0147	Cellroom	DMSA0217704	1	0.15	20	No
Differential Pressure Transmitter	DD0153	Main Bay	DMSA0218338	1	0.25	10	No
Skip Hoist Take Up Cell, Cables and Counter Weights	DD0154	Main Bay	DMSA0218383	1	49.5	3,250	No
Upper Hopper Rotary Feeder and Bari-Drive	DD0155	Main Bay	DMSA0218384	1	9.4	225	No
Upper Vibratory Conveyor	DD0156	Main Bay	DMSA0218387	1	73.5	2,750	No
Y-Section with Hopper Fill Station Piping and Valves	DD0157	Main Bay	DMSA0218388	1	13.5	1,250	No
Jawcrusher and Motor	DD0158	Main Bay	DMSA0218389	1	142	6,000	No
#2 Screener and Motor	DD0159	Main Bay	DMSA0218390	1	121	4,000	No
Lower Vibratory Feeder	DD0160	Main Bay	DMSA0218391	1	18	650	No
Bucket Elevator	DD0161	Main Bay	DMSA0218392	1	105	5,000	No
#1 Screener and Motor	DD0162	Main Bay	DMSA0218393	1	88	3,400	No
Drumming Station Hopper	DD0163	Main Bay	DMSA0218394	1	80	3,000	No
Drumming Station Rotary Feeder	DD0164	Main Bay	DMSA0218395	1	6.5	250	No
Drumming Station Scale	DD0165	Main Bay	DMSA0218396	1	100	1,200	No
Sampler Drive Motor	DD0166	Pulverizer	DMSA0218430	1	0.75	55	No
Scale Cart Hose Reel with Hose	DD0167	Pulverizer	DMSA0218429	1	4.7	250	No
Hopper Fill Station Piping and Valves	DD0168	Pulverizer	DMSA0218431	1	20	750	No
Pulverizing and Screening Facility Housing and Associated Steel Work	DD0169	Pulverizer	DMSA0218329	1	1,781	17,810	No
					Estimated Subtotal	***Estimated Subtotal***	

Description	Original DD#	Location	Barcode	# Items	Estimated Volume (ft^3)	Estimated Weight (lbs)	Material Transferred to USEC
Skip Hoist Drive Motor and Gearbox	DD0170	Pulverizer	DMSA0218328	1	20	1,500	No
Pulverizing and Screening Facility Equipment Control Panel	DD0171	Pulverizer	DMSA0218329	1	24	500	No
Air Exchange Filter Housing and Filters	DD0172	Main Bay	DMSA0218332	1	121.5	2,000	No
Air Exchange Exhaust Blower Plenum	DD0173	Main Bay	DMSA0218333	1	146	1,250	No
Air Exchange Blower Exhaust Duct	DD0174	Main Bay	DMSA0218346	1	105	675	No
Drumming Station Roller Conveyer	DD0175	Main Bay	DMSA0218397	1	15	100	No
#2 Screener Reject Drum Station and Piping	DD0176	Main Bay	DMSA0218403	1	12	400	No
#1 Screener Reject Drum Station and Piping	DD0177	Main Bay	DMSA0218398	1	20	900	No
Micro Pulverizer Unit and Motor	DD0178	Main Bay	DMSA0218331	1	24.5	1,500	No
Skip Hoist Drum Carriage	DD0179	Main Bay	DMSA02181341	1	26	500	No
Drum Dumper Feed Hopper	DD0180	Main Bay	DMSA0218348	1	150	2,500	No
Mikro Pulverizer Collection Hopper	DD0181	Pulverizer	DSMA0218432	1	38	800	No
Vacuum Exhaust System	DD0182	Pulverizer	DMSA0218702	1	14.5	450	No
					Estimated Subtotal 717	***Estimated Subtotal 13,075***	
				Grand Total	***63,382***	***399,135***	