

**Annual Document of Polychlorinated  
Biphenyls at the  
Paducah Gaseous Diffusion Plant,  
Paducah, Kentucky,  
for  
January 1, 2013–December 31, 2013**



This document is approved for public release per review by:

David Hayden  
LATA Kentucky Classification Support

6-26-14  
Date

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**PAD-SO-0054**

**Annual Document of Polychlorinated  
Biphenyls at the  
Paducah Gaseous Diffusion Plant,  
Paducah, Kentucky,  
for  
January 1, 2013–December 31, 2013**

Date Issued—June 2014

Prepared for the  
U.S. DEPARTMENT OF ENERGY  
Office of Environmental Management

LATA ENVIRONMENTAL SERVICES OF KENTUCKY, LLC  
managing the  
Environmental Remediation Activities at the  
Paducah Gaseous Diffusion Plant  
under contract DE-AC30-10CC40020

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## **PREFACE**

*This Annual Document of Polychlorinated Biphenyls (PCBs) at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, for January 1, 2013–December 31, 2013,* was prepared to meet applicable requirements of the Toxic Substances Control Act, as codified in 40 *CFR* Part 761, Subpart J. The mailing address for the U.S. Department of Energy Paducah Gaseous Diffusion Plant is P.O. Box 1410, Paducah, Kentucky 42002-1410. The physical address is 5600 Hobbs Road, Kevil, Kentucky 42053. The U.S. Environmental Protection Agency Identification Number is KY8-890-008-982.

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## ACRONYMS

CD	Certificate of Disposal
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
<i>CFR</i>	<i>Code of Federal Regulations</i>
CY	calendar year
DOE	U.S. Department of Energy
DOT	U.S. Department of Transportation
DSSI	Diversified Scientific Services, LLC
EPA	U.S. Environmental Protection Agency
FFCA	Federal Facility Compliance Agreement
FY	fiscal year
HQ	headquarters
KPDES	Kentucky Pollutant Discharge Elimination System
M&EC	Material and Energy Corporation
NNSS	Nevada National Security Site
PCB	polychlorinated biphenyls
PGDP	Paducah Gaseous Diffusion Plant
RFD	Request for Disposal
RCRA	Resource Conservation and Recovery Act
TSCA	Toxic Substances Control Act
TSDF	treatment, storage, and disposal facility
UE	uranium enrichment
UHWM	Uniform Hazardous Waste Manifest
USEC	United States Enrichment Corporation

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## EXECUTIVE SUMMARY

This *Annual Document of Polychlorinated Biphenyls at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, for January 1, 2013–December 31, 2013*, (Annual Document) provides records and information required by 40 *CFR* § 761.180(a), *Records and Monitoring*.

Sections 1–4 of this Annual Document contain miscellaneous history and background of compliance, radiological contamination, continuing efforts to dispose of polychlorinated biphenyl (PCB) wastes, and assumptions and calculations used throughout the document. The annual records required by 40 *CFR* § 761.180(a)(1) are located in Sections 5–8 and include signed manifests, certificates of disposal, waste area inspections, and spill cleanup activities. The Annual Document Logs required by 40 *CFR* § 761.180(a)(2) are in Sections 9–11 and include PCB electrical equipment inventories and PCB waste inventories. The appendices contain supporting information or records that are not specifically required to be included in the annual records or annual document log; however, the information is a vital part of PCB activities at Paducah Gaseous Diffusion Plant (PGDP), and it is appropriate to collect and present such information within the Annual Document.

The PCB items in service and PCB activities at PGDP for calendar year (CY) 2013 are summarized below:

PCB transformers in service as of 12/31/2013:	67
Total PCBs in kg in PCB transformers as of 12/31/2013:	283,385
PCB-contaminated transformers in service as of 12/31/2013:	8
PCB large capacitors in service as of 12/31/2013:	0
PCB-contaminated electrical equipment in service as of 12/31/2013:	6
PCB waste in kg <sup>1</sup> generated in CY 2013:	3,355,827
PCB waste in kg <sup>2</sup> shipped off-site for treatment/disposal in CY 2013:	1,787,015
PCB remediation waste < 49 mg/kg disposed in on-site C-746-U Landfill:	2,155,302
PCB waste in kg <sup>3</sup> remaining in storage for disposal as of 12/31/2013:	74,703

Throughout CY 2013, PGDP generated 37 manifested shipments of PCB wastes to off-site disposal facilities. Thirty-nine Certificates of Disposal were received in CY 2013 for PCB containers/items disposed of; thirty-four of which were for shipments manifested in CY 2013. Additionally, six containers (polyethylene containers and frac tanks) of PCB-regulated water were generated. It was treated in a C-752-A carbon filter system to remove PCBs. Analytical data of the treated water indicated nondetects for PCBs.

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<sup>1</sup> The weights in kg are taken from the waste tracking database, Requests for Disposal, or generator supplied information and may be estimated.

<sup>2</sup> The weights in kg are taken from the Uniform Hazardous Waste Manifests.

<sup>3</sup> See note 1.

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# 1. COMPLIANCE HISTORY

During early 1990, U.S. Department of Energy (DOE)/Headquarters (HQ) began negotiating a Federal Facility Compliance Agreement (FFCA) with the U.S. Environmental Protection Agency (EPA)/HQ. The purpose of the negotiation was to enter into an agreement under the Toxic Substances Control Act (TSCA). The Uranium Enrichment (UE) TSCA FFCA for Paducah, Portsmouth, and the former Oak Ridge K-25 Site was needed to establish a plan to bring the facilities into full compliance with TSCA regulations in the following areas:

- Use of ventilation duct gaskets;
- Investigation of historic polychlorinated biphenyl (PCB) disposal sites;
- Use and removal of leaking PCB potential devices;
- Air sampling;
- PCB spill cleanup;
- Storage of PCB waste;
- Maintenance/servicing of PCB-contaminated electrical cables and associated equipment;
- Disposal of PCB waste;
- Worker safety measures; and
- Removal of C-340 PCB hydraulic systems.

The UE TSCA FFCA was signed and went into effect on February 20, 1992, and subsequently was modified on September 25, 1997. The UE TSCA FFCA provides a negotiated schedule to cleanup, remove, and properly manage PCB wastes and contaminated items in accordance with TSCA regulations. Information pertaining to the UE TSCA FFCA is provided to EPA/HQ in an annual compliance report.

Demolition of the C-340 Uranium Metals Production Complex was initiated in 2012 and completed in February 2013. Due to historical PCB releases in the building, PCB remediation waste, PCB bulk product gaskets, and PCB hydraulic systems that were in the building were removed as a part of the demolition. Waste disposal, consisting of both on-site landfill debris containing less than 49 ppm PCB and off-site disposal of PCB hydraulic systems and PCB wastes containing greater than 50 ppm PCB, was completed in 2013.

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## **2. RADIOLOGICAL CONTAMINATION**

Due to the nature and history of operations at Paducah Gaseous Diffusion Plant (PGDP), all PCB waste is suspected of being radiologically contaminated, and all PCB waste is considered potentially radiologically contaminated until it is certified otherwise. DOE has ongoing programs to characterize the radiological contamination of waste so that it can be disposed of appropriately. The UE TSCA FFCA provides for extended storage of radiologically contaminated PCB wastes beyond the one-year storage limitations in 40 *CFR* §761.65(a).

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### 3. EFFORTS TO DISPOSE OF PCB WASTES

Efforts to dispose of PCB wastes are continuous. In calendar year (CY) 2013, PGDP generated 37 manifested shipments to the following treatment/disposal facilities to dispose of PCB wastes:

- Nevada National Security Site (NNSS) (formerly Nevada Test Site) facility in Mercury, Nevada;
- EnergySolutions disposal facility in Clive, Utah;
- Diversified Scientific Services, Inc. (DSSI)/Perma-Fix facility in Kingston, Tennessee;
- Clean Harbors Deer Park, LLC, facility in La Porte, Texas;
- Clean Harbors PPM, LLC, facility in Coffeyville, Kansas; and
- Material and Energy Corporation (M&EC) facility in Oak Ridge, Tennessee.

In addition to off-site treatment/disposal facilities, PGDP utilizes three carbon filtration systems to remove PCBs from selected PCB-contaminated wastewaters. For wastewater treated through the carbon filtration system, the date of disposal is the date treatment was completed. The treated wastewater is confirmed to meet PGDP Kentucky Pollutant Discharge Elimination System (KPDES) permit limits prior to discharge through an approved KPDES discharge point.

The current life cycle baseline includes the following forecasted TSCA disposal activities for the next five years:

- Fiscal year (FY) 2014—dispose of ~ 2,784 ft<sup>3</sup> (79 m<sup>3</sup>)
- FY 2015—dispose of ~ 1,804 ft<sup>3</sup> (52 m<sup>3</sup>)
- FY 2016—dispose of ~ 1,808 ft<sup>3</sup> (52 m<sup>3</sup>)
- FY 2017—dispose of ~ 1,808 ft<sup>3</sup> (52 m<sup>3</sup>)
- FY 2018—dispose of ~ 1,808 ft<sup>3</sup> (52 m<sup>3</sup>)

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## 4. ASSUMPTIONS AND CALCULATIONS

In order to meet the TSCA requirements for reporting and recordkeeping, weights are presented in kilograms (kg) throughout this document. The weights in kg are converted from pounds (lb) by the following formula: 1 lb = 0.4536 kg.

Some wastes (e.g., 55-gal containers) are weighed when placed into storage for disposal. Other wastes may not have the weight determined until the waste is prepared for off-site shipment for disposal (e.g., large shipping containers). Consequently, the weight of waste not yet shipped may not be available for reporting except as an estimated weight. If the generator of the waste cannot provide enough information for an estimated weight of the waste, the weight and density approximations in Tables 4.1 and 4.2 may be used as a guide for estimating individual container weights. These weight approximations are based on actual data collected over past years and include the weight of the container. One exception is the weight of a portable container (portable tank) of wastewater may be calculated from the estimated volume of water contained in the container. Estimated weights are adjusted later when the waste and containers are weighed on calibrated scales prior to shipment.

**Table 4.1. Weight Approximations for Waste Not Yet Weighed**

Solid Wastes	Pounds per 55-gal Drum	Kilograms per 55-gal Drum
Lighting ballasts	700	318
High-voltage large capacitors	100	45
Miscellaneous solids	200	91
Samples	200	91
Soil, sediment, gravel	700	318
Liquid Wastes	Pounds per 55-gal Drum	Kilograms per 55-gal drum
Flush solvents	450	204
Lubrication oil	450	204
Laboratory solvents	450	204
Samples	450	204
Askarel/pyranol	700	318

**Table 4.2. Density Assumptions Used to Determine Weight of Items Not Yet Weighed**

Item	Density
PCB-contaminated liquids	8–15 lb/gal (concentration dependent)
PCB transformers	13 lb/gal × PCB concentration (%)
PCB large capacitors	13.5 lb/gal (assume 100% PCBs in each capacitor)
PCB-contaminated transformers and PCB-contaminated electrical equipment (PCB < 500 ppm)	8.34 lb/gal × PCB concentration (%)
PCB wastewater	8.34 lb/gal

PCB concentrations in kg are calculated using the following formula:

$$\text{PCB (kg)} = (\text{gal dielectric fluid}) \times (\text{mg/kg PCB concentration}) \times (1 \text{ kg}/1,000,000 \text{ mg}) \times (\text{lb/gal density}) \times (0.4536 \text{ kg/lb}).$$

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## 5. PCB WASTE MANIFESTS

Uniform Hazardous Waste Manifests (UHWMs) of PCB wastes shipped by the facility during the calendar year are annual records required by 40 *CFR* § 761.180(a)(1)(i). This section of the Annual Document contains the signed manifests of PCB wastes shipped off-site for disposal during CY 2013.

Thirty-seven manifests, with 54 containers of solid and liquid PCB wastes, were shipped for disposal to the following disposal sites:

- NNSS facility in Mercury, Nevada;
- Energy*Solutions* disposal facility in Clive, Utah;
- DSSI/Perma-Fix facility in Kingston, Tennessee;
- Clean Harbors Deer Park, LLC, facility in La Porte, Texas;
- Clean Harbors PPM, LLC, facility in Coffeyville, Kansas;
- M&EC facility in Oak Ridge, Tennessee.

Table 5.1 summarizes the 2013 manifested PCB waste shipments. The table includes the manifest number, the shipped to location, the number of PCB containers/items on the manifest, and the net weight in kilograms of PCBs containers/items shipped. The weights listed in this table were obtained from the UHWMs. The weights of wastes listed on the manifests are calculated by the U.S. Department of Transportation (DOT) group based on the weight of the PCB-contaminated waste contents of the shipping container(s) or the estimated volume of the shipment. The weight on the manifest may differ from the weight recorded on the Waste Information Tracking System as found in Table 10.6, PCB Wastes Shipped Off-Site for Disposal in 2013. When completing manifest documentation, LATA Environmental Services of Kentucky, LLC, works with various treatment, storage, and disposal facilities (TSDFs) to facilitate acceptance. On occasion, the manifested weights are adjusted due to factors such as differences in the receiving facility's scale or because the TSDF requires the gross weight to be manifested instead of the net weight. However, the waste database is kept intact to reflect the operating weights while the waste was managed on-site. Over the span of one year, these changes combine to create the discrepancy noted.

**Table 5.1. PCB Waste Manifests Summary**

<b>UHWM Number</b>	<b>Date Shipped</b>	<b>Shipped to Location Destination</b>	<b>Number of PCB Containers</b>	<b>Manifest Weight of PCB Items (kg)</b>
006841653JJK	5/16/2013	DSSI-Perma-Fix, Oak Ridge, TN	3	348
006841625JJK	7/18/2013	EnergySolutions, Clive, UT	1	52,308
006841626JJK	7/18/2013	EnergySolutions, Clive, UT	1	48,970
006841627JJK	7/18/2013	EnergySolutions, Clive, UT	1	65,517
006841628JJK	7/18/2013	EnergySolutions, Clive, UT	1	58,404
006841629JJK	7/18/2013	EnergySolutions, Clive, UT	1	49,795
006841630JJK	7/18/2013	EnergySolutions, Clive, UT	1	57,833
006841631JJK	7/18/2013	EnergySolutions, Clive, UT	1	60,064
006841632JJK	7/18/2013	EnergySolutions, Clive, UT	1	53,496
006841633JJK	7/18/2013	EnergySolutions, Clive, UT	1	46,520
006841634JJK	7/18/2013	EnergySolutions, Clive, UT	1	47,736
006841635JJK	7/18/2013	EnergySolutions, Clive, UT	1	45,967
006841636JJK	7/18/2013	EnergySolutions, Clive, UT	1	64,519
006841637JJK	7/18/2013	EnergySolutions, Clive, UT	1	45,658
006841638JJK	7/18/2013	EnergySolutions, Clive, UT	1	47,817
006841639JJK	7/18/2013	EnergySolutions, Clive, UT	1	49,060
006841640JJK	7/18/2013	EnergySolutions, Clive, UT	1	72,402
006841641JJK	7/18/2013	EnergySolutions, Clive, UT	1	60,046
006841642JJK	7/18/2013	EnergySolutions, Clive, UT	1	57,334
006841643JJK	7/18/2013	EnergySolutions, Clive, UT	1	86,808
006841644JJK	7/18/2013	EnergySolutions, Clive, UT	1	82,680
006841645JJK	7/18/2013	EnergySolutions, Clive, UT	1	78,208



**Table 5.1. PCB Waste Manifests Summary (Continued)**

<b>UHWM Number</b>	<b>Date Shipped</b>	<b>Shipped to Location Destination</b>	<b>Number of PCB Containers</b>	<b>Manifest Weight of PCB Items (kg)</b>
006841646JJK	7/18/2013	EnergySolutions, Clive, UT	1	74,071
006841647JJK	7/18/2013	EnergySolutions, Clive, UT	1	64,228
006841648JJK	7/18/2013	EnergySolutions, Clive, UT	1	71,617
006841649JJK	7/18/2013	EnergySolutions, Clive, UT	1	70,606
006841650JJK	7/18/2013	EnergySolutions, Clive, UT	1	74,416
006841651JJK	7/18/2013	EnergySolutions, Clive, UT	1	81,120
006841652JJK	7/18/2013	EnergySolutions, Clive, UT	1	99,744
006841659JJK	7/26/2013	EnergySolutions, Clive, UT	2	7,720
006894418FLE	8/16/2013	Clean Harbors, Coffeyville, KS	1	307
006894419FLE	8/16/2013	Clean Harbors-Deer Park, La Porte, TX	5	93
006841658JJK	8/19/2013	NNSS, Mercury, NV	3	3,641
006841661JJK	9/23/2013	EnergySolutions, Clive, UT	1	5,253
006841668JJK	10/10/2013	DSSI-Perma-Fix, Oak Ridge, TN	6	1,681
006841664JJK	10/10/2013	M&EC, Oak Ridge, TN	4	24
006841665JJK	11/18/2013	NNSS, Mercury, NV	1	1,004
37 Manifests			54	1,787,015

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>3</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841653 JJK</b>			
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevill, KY 42053 Generator's Phone: 1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevill, KY 42053</b>				
6. Transporter 1 Company Name <b>CAST Transportation</b>					U.S. EPA ID Number <b>COR000005389</b>			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>DSSI/Perma-Fix 657 Gallaher Rd, Kingston, TN 37763 Facility's Phone: (865) 376-0084</b>					U.S. EPA ID Number <b>TND982109142</b>			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type			D001	D002	D003
X	1. UN 3321, Waste Radioactive material, low specific activity (LSA-II), 7 (3,8), Am-241, Np-237, Pu-239, Th-230, Liquid/Oxide, 358.7 MBq, Fissile Excepted	1	DF	10	K	D001	D002	D003
X	2. UN 3321, Waste Radioactive material, low specific activity (LSA-II), 7 (8), Am-241, Np-237, Pu-239, Th-230, Liquid/Oxide, 228.3 MBq, Fissile Excepted	1	DM	6	K	D002	D006	D007
X	3. UN 2912, Waste Radioactive material, low specific activity (LSA-I), 7, RQ (D004, D010), Pu-239, Th-230, U-234, Liquid/Oxide, 2.05 MBq, Fissile Excepted	1	DM	41	K	D004	D010	
X	4. NA 3082, Hazardous waste, liquid, n.o.s. (D006, D007), 9, PG-III, RQ (PCB)	2	DM	339	K	D006	D007	D008
14. Special Handling Instructions and Additional Information <b>Truck: 1288 Van: 512 TID: 0562689 Accumulation Start Date: 05/16/12 PCB Start Date: 08/17/11 ERG # 171, 182 In the event of an RQ Release, call 1-800-424-8802 If undeliverable, return to generator Exclusive Use Shipment. See PCB Attachment for Additional Info Shipment ID: DSSI-13-044</b>								
15. GENERATOR/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeree's Printed/Typed Name <b>Lachelle Telfair on behalf of the US DOE</b>				Signature <i>Lachelle Telfair</i>		Month Day Year <b>10/5/16/13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>John Whitehead</b>				Signature <i>John Whitehead</i>		Month Day Year <b>10/5/16/13</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
18b. Alternate Facility (or Generator)					Manifest Reference Number: _____ U.S. EPA ID Number _____			
Facility's Phone: _____					18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. _____		2. _____		3. _____		4. _____		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a								
Printed/Typed Name <b>Dawn Garrett</b>				Signature <i>Dawn Garrett</i>		Month Day Year <b>10/5/17/13</b>		



Perma-Fix Environmental Services, Inc  
 657 Gallaher Road, Kingston, TN 37763  
 Phone: 865-376-0084  
 Fax: 865-376-0087

Date Sent: 5/17/13

**ACKNOWLEDGMENT OF RECEIPT OF RADIOACTIVE WASTE**

This is to certify that the radioactive material described below was received at the Diversified Scientific Services, Inc. (DSSI) facility in Kingston, Tennessee. This certification satisfies the requirements of Title 10 Code of Federal Regulations Part 20, Appendix G and the Tennessee "State Regulations for Protection Against Radiation". This letter acknowledges receipt of the waste only. Waste analysis has not been completed. If any discrepancies exist after waste analysis is complete, you will be contacted by separate correspondence.

Manifest Number: 006841653JJK

Shipment Authorization #: DSSI-13-044

Generator Name: US DOE c/o LATA  
 Address: 761 Veterans Ave.  
Keval, KY 42053

Attention: LaChelle Telfair

Shipper: Cast Transportation

Date Received: 5/17/13

Waste Tracking Specialist Signature: *Dawn Gaultt* Date: 5/17/13

Discrepancies (if any):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

RECEIVED  
 MAY 20 2013  
*AG*

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b> (Continuation Sheet)		21. Generator ID Number <b>KY 8890008982</b>	22. Page <b>2</b>	23. Manifest Tracking Number <b>006841653JJK</b>				
24. Generator's Name <b>U.S. DOE c/o Paducah Remediation Services 761 Veterans Avenue, Kevit, KY 42053</b>								
25. Transporter <b>JW</b> Company Name <b>CAST Transportation</b>				U.S. EPA ID Number <b>COR000005389</b>				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type			D006	D008	D018
X	<b>UN 3321, Waste Radioactive material, low specific activity (LSA-II), 7, RQ (PCB, D008), Am-241, Np-237, Pu-239, Tc-99, Th-228, Th-230, Liquid/Oxide, 7.8 MBq, Fissile Excepted</b>	1	DF	9	K			
	DOT Non Regulated	1	DF	136	K			
	DOT Non Regulated	4	DM	626	K			
	DOT Non Regulated	1	DF	46	K			
Truck: <del>1288</del> Trailer: <del>512</del> Accumulation Start Date: <b>08/16/12</b> Date to Storage: <b>08/16/12</b>								
<b>ERG # 162</b> In the event of an RQ Release, call 1-800-424-8802 <b>See PCB Attachment for Additional Info</b> If undeliverable, return to generator Shipment ID:								
32. Special Handling Instructions and Additional Information								
33. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name				Signature		Month	Day	Year
34. Transporter Acknowledgment of Receipt of Materials								
Printed/Typed Name				Signature		Month	Day	Year
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								

GENERATOR

TRANSPORTER

DESIGNATED FACILITY



PCB and Additional Information Attachment, Page 3 of 3

Manifest Number: 006841653JJK

Shipment ID Number: DSSI-13-044

Shipment Date: 5/16/2013

UHM Section	RFD	Container / WASTE ID	Barcode	Description	Accumulation Start Date	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Gross Wt (Kgs)	Activity MBq	
9b.1	115802	115802-01	PAD13C18242	RCRA REGULATED ACIDIC LIQUIDS FROM PROJECT DD12-410-PIPMAT	02/05/13	N/A	0.67	22	9.98	358.73	
9b.2	115805	115805-01	PAD13C18241	RCRA REGULATED LIQUIDS FROM PROJECT DD12-410-PIPMAT	02/05/13	N/A	0.67	14	6.35	228.28	
9b.3	109425	109425-01	PAD12C16485	GLYCOL AND WATER	10/25/12	N/A	2.4	147	66.68	2.05	
9b.4	109694	109694-01	PAD12C16092	PCB VENTILATION DUCT OIL/WATER	08/01/12	08/01/12	6.5	417	189.15	1.18	
9b.4	109694	109694-02	PAD12C16093	PCB VENTILATION DUCT OIL/WATER	05/16/12	08/17/11	6.7	442	200.49	1.26	
27b.1	109589	109589-01	PAD12C16502	HAZ / PCB OIL	08/16/12	08/16/12	0.22	22	9.98	7.80	
27b.2	109381	109381-01	PAD12C16324	HYDRAULIC OIL "USED OIL" PER USED OIL REGULATIONS UNDER 40CFR PART 279	N/A	N/A	6.4	326	147.87	0.16	
27b.3	119405	119405-01	PAD12C16074	USED OIL COLLECTION - FOR RECYCLING, MAINTENANCE ACTIVITIES.	N/A	N/A	7.4	415	188.24	0.19	
27b.3	119405	119405-02	PAD13C18482	USED OIL COLLECTION - FOR RECYCLING, MAINTENANCE ACTIVITIES.	N/A	N/A	7.4	444	201.39	0.20	
27b.3	109589	109589-01	PAD12C16553	HYDRAULIC OIL FROM A SPILL ON ESCAVATOR AT C-340	N/A	N/A	4.7	380	172.36	0.17	
27b.3	119383	119383-01	PAD13C18240	USED OIL - COLLECTION FOR RECYCLING, MAINTENANCE ACTIVITIES.	N/A	N/A	5.61	366	166.01	0.16	
27b.4	109579	109579-01	PAD12C16409	OIL AND WATER FROM TRACK HOE C-411 TANK FARM GENERATED DURING ROUTINE MAINTENANCE	N/A	N/A	7.4	128	58.06	0.00	
							55.97	3123	1416.56	600.17	
<b>Totals</b>											

Equal Employment Opportunity, all provisions of the Executive Order 11246, as amended by Executive Order 11375, and of the rules, regulations, and relevant orders of the Secretary of Labor are incorporated herein.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841625 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>				
Generator's Phone: <b>1-270-441-5000</b>							
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029</b>				U.S. EPA ID Number <b>UTD982598898</b>			
Facility's Phone: <b>1-435-884-0155</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
<b>RC</b>	<b>1. UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 38848 MBq, Fissile Excepted</b>		<b>CM</b>	<b>52308</b>	<b>K</b>		
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>							
			<b>Railcar: PDRX 5</b>		<b>PCB Date to Storage: 11/15/2012</b>		
				<b>if undeliverable, return to generator</b>			
				<b>Shipment ID: 6228-15-0020</b>			
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>LaChelle Telfair on behalf of USDOE</b>				Signature <i>LaChelle Telfair</i>		Month Day Year <b>10 7 18 13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>LaChelle Telfair on behalf of PAL</b>				Signature <i>LaChelle Telfair</i>		Month Day Year <b>10 7 18 13</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	2.	3.	4.				
<b>H13Z</b>							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name <b>Albert Burns</b>				Signature <i>Albert Burns</i>		Month Day Year <b>10 8 5 13</b>	

Additional Information, Page 2 of 2

Manifest Number: 006841625JJK

Shipment ID Number: 6228-15-0020

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (l3)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDS
118043-01	PDRX 5	PCB Remediation Demolition Rubble	11/15/12	1850	181020	115320	82109	52308	38848	039836, 039822

Totals

1850 181020 115320 82109 52308 38848



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841626 JJK</b>				
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053 1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>					
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>					U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 1-435-884-0155</b>					U.S. EPA ID Number <b>UTD982598898</b>				
Facility's Phone:									
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. <b>UN 3321, Radioactive material, low specific activity (LSA II), 7, (PCB), U-234. Solid/Oxide, 36370 MBq. Fissile Excepted</b>		No.	Type				
		RC		1	CM	48970	K		
		2.							
		3.							
	4.								
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>									
				Railcar: <b>PDRX 19</b>		PCB Date to Shipment: <b>11/16/2012</b>			
						<b>PROB 573</b>			
						<b>If undeliverable, return to generator</b>			
						<b>Shipment ID: 6228-15-0021</b>			
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name <b>Lachelle Telfair on behalf of the DOE</b>					Signature <i>Lachelle Telfair</i>		Month <b>10</b>	Day <b>18</b>	Year <b>13</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of PAL</b> Signature <i>Lachelle Telfair</i> Month <b>10</b> Day <b>18</b> Year <b>13</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____									
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____									
18c. Signature of Alternate Facility (or Generator) <i>AA</i> Month _____ Day _____ Year _____									
19 Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name <b>Albert Gunn</b>					Signature <i>Albert Gunn</i>		Month <b>8</b>	Day <b>5</b>	Year <b>13</b>

Additional Information, Page 2 of 2

Manifest Number: 006841626JJK

Shipment ID Number: 6228-15-0021

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Net WT (lb)	Gross WT (Kg)	Net Wt (Kg)	Activity MBq	TIDS
118043-02	PDRX 19	PCB Remediation Demolition Rubble	11/16/12	1850	174660	107960	79224	48970	36370	039853, 039856

Totals 1850 174660 107960 79224 48970 36370

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 889000E962</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841627 JJK</b>	
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>			
Generator's Phone: <b>1-270-441-5000</b>			U.S. EPA ID Number <b>KYD000735945</b>			
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029</b>			U.S. EPA ID Number <b>UTD982598898</b>			
Facility's Phone: <b>1 435-884-0155</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
1	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 48651 MBq, Fissile Excepted</b>	1	GM	65517	K	
2						
3						
4						
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>						
<b>Railcar: PDRX 17      PCB Date to Storage: 11/20/2012 If undeliverable, return to generator      Shipment ID: 6228-15-0022</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offereor's Printed/Typed Name <b>LaChelle Telfair on behalf of the USDOE</b>		Signature <i>LaChelle Telfair</i>			Month Day Year <b>10 18 13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>LaChelle Telfair on behalf of PAC</b>		Signature <i>LaChelle Telfair</i>			Month Day Year <b>10 18 13</b>	
Transporter 2 Printed/Typed Name		Signature			Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator)      Manifest Reference Number: _____      U.S. EPA ID Number _____						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)					Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <b>H132</b>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Albert Eams</b>		Signature <i>Albert Eams</i>			Month Day Year <b>10 16 13</b>	

Additional Information, Page 2 of 2

Manifest Number: 006841627JK

Shipment ID Number: 6228-15-0022

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDS
118043-03	PDRX 17	PCB Remediation Demolition Rubble	11/20/12	1850	210340	144440	95408	65517	48651	039810, 039818

Totals

1850      210340      144440      95408      65517      48651

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008962</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841628 JJK</b>	
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 781 Veterans Avenue, Kevil, KY 42053 1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>		
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>Energy Solutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 1-435-884-0155</b>				U.S. EPA ID Number <b>UTD982598898</b>		
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
<b>RQ</b>	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 43372 MBq, Fissile Excepted</b>	<b>1</b>	<b>CM</b>	<b>58404</b>	<b>K</b>	
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information <b>ERG # 162    In the event of an RQ Release, call 1-800-424-8802    Railcar: PDRX 13    PCB Date to Storage: 11/15/2012</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.    If undeliverable, return to generator    Shipment ID: 6228-15-0023</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <i>Lachelle Telfair on behalf of the DOE</i>				Signature <i>Lachelle Telfair</i>		Month Day Year <i>07   18   13</i>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>Lachelle Telfair on behalf of the PAL</i> Signature <i>Lachelle Telfair</i> Month Day Year <i>07   18   13</i> Transporter 2 Printed/Typed Name    Signature    Month Day Year						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____    U.S. EPA ID Number: _____ 18b. Alternate Facility (or Generator)    U.S. EPA ID Number: _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator)    Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <i>H132</i> 2. _____    3. _____    4. _____						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name    Signature    Month Day Year <i>Albert Gunn</i> <i>Albert Gunn</i> <i>08   06   13</i>						

Additional Information, Page 2 of 2

Manifest Number: 006841628JJK

Shipment ID Number: 6228-15-0023

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDS
118043-04	PDRX 13	PCB Remediation Demolition Rubble	11/15/12	1850	194640	128760	88287	58404	43372	039819.039809

Totals

1850 194640 128760 88287 58404 43372

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841629 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 781 Veterans Avenue, Kevii, KY 42053</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevii, KY 42053</b>			
Generator's Phone: <b>1-270-441-5000</b>							
8. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Energy Solutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029</b>				U.S. EPA ID Number <b>UTD082608898</b>			
Facility's Phone: <b>1-435-884-0155</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. <b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 36983 MBq, Fissile Excepted</b>	<b>1</b>	<b>CM</b>	<b>49795</b>	<b>K</b>		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>							
<b>PCB Date to Storage: 12/31/2012</b>							
<b>If undeliverable, return to generator Shipment ID: 6228-15-0024</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name <b>Lachelle Telfair on behalf of the USDOE</b>				Signature <i>Lachelle Telfair</i>		Month Day Year <b>10/18/13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of the PAL</b>				Signature <i>Lachelle Telfair</i>		Month Day Year <b>10/18/13</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Albert Euns</b>				Signature <i>Albert Euns</i>		Month Day Year <b>10/16/13</b>	

Additional Information, Page 2 of 2

Manifest Number: 006841629JJK

Shipment ID Number: 6228-15-0024

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity M/Bq	TIDs
118043-05	PDRX 15	PCB Remediation Demolition Rubble	12/03/12	1850	175680	109780	79687	49795	36963	039860, 039834

Totals 1850 175680 109780 79687 49795 36963



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841630 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053 1-270-441-5000</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>				
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Energy Solutions Clive Disposal Site-Bulk Waste Facility US I-60 Exit 49, Clive, UT 84029 1-435-884-0155</b>			U.S. EPA ID Number <b>UTD982598898</b>				
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	1.	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 42848 MBq, Fissile Excepted</b>	1	CM	57833	K	
	2.						
	3.						
4.							
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>							
<p style="text-align: right;"><i>PRO 5369</i></p> <p style="text-align: center;"><b>Railcar: PDRX 22      PCB Date to Storage: 12/7/2012</b></p> <p style="text-align: center;"><b>If undeliverable, return to generator</b></p> <p style="text-align: center;"><b>Shipment ID: 6228-15-0025</b></p>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offorer's Printed/Typed Name		Signature			Month	Day	Year
<i>Lachelle Telfair on behalf of the DOE</i>		<i>Lachelle Telfair</i>			10	7	13
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name		Signature			Month	Day	Year
<i>Lachelle Telfair on behalf of the PACI</i>		<i>Lachelle Telfair</i>			10	7	13
Transporter 2 Printed/Typed Name		Signature			Month	Day	Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	2.	3.	4.				
<i>H132</i>							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name		Signature			Month	Day	Year
<i>Albert Gunn</i>		<i>Albert Gunn</i>			10	8	13

Additional Information, Page 2 of 2

Manifest Number: 006841630JJK

Shipment ID Number: 6228-15-0025

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDS
118043-06	PDRX 22	PCB Remediation Demolition Rubble	12/07/12	1850	193900	127500	87951	57833	42948	039829, 039801

Totals 1850 193900 127500 87951 57833 42948

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841631 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>				
Generator's Phone: <b>1-270-441-5000</b>							
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029</b>			U.S. EPA ID Number <b>UTD982598898</b>				
Facility's Phone: <b>1-435-884-0155</b>							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
			No.	Type			
1 <b>RQ</b>	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 44804 MBq, Fissile Excepted</b>		1	CM	60064	K	
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>							
<b>PCB Date to Stoarge: 12/6/2012 If undeliverable, return to generator Shipment ID: 6228-15-0026</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name <i>LaChelle Telfair on behalf of the USDOE</i>			Signature <i>LaChelle Telfair</i>		Month Day Year <i>07   18   13</i>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: Transporter signature (for exports only):      Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>LaChelle Telfair on behalf of the PAE</i>			Signature <i>LaChelle Telfair</i>		Month Day Year <i>07   18   13</i>		
Transporter 2 Printed/Typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator)      Manifest Reference Number:      U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)      Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1	2	3	4				
<i>#132</i>							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <i>Albert Ems</i>			Signature <i>Albert Ems</i>		Month Day Year <i>8   5   13</i>		

Additional Information, Page 2 of 2

Manifest Number: 006841631JK

Shipment ID Number: 6228-15-0026

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-07	PDRX 20	PCB Remediation Demolition Rubble	12/06/12	1850	199220	132420	90364	60064	44604	039828, 039842

Totals

1850 199220 132420 90364 60064 44604

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841632 JJK</b>	
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053 Generator's Phone: 1-270-441-5000</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>			
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number		<b>KYD000735845</b>	
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-60 Exit 40, Clive, UT 84029 1-435-884-0155</b>			U.S. EPA ID Number		<b>UTD982598998</b>	
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
1. <b>RQ</b>	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 39730 MBq, Fissile Excepted</b>	1	CM	53496	K	
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>Railcar: PDRX 9 PCB Date to Storage: 12/11/2012 If undeliverable, return to generator Shipment ID: 6228-15-0027</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <i>LaChelle Telfair on behalf of the USDOE</i>		Signature <i>LaChelle Telfair</i>		Month Day Year <i>10/7/13</i>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>LaChelle Telfair on behalf of the PAL</i> Signature <i>LaChelle Telfair</i> Month Day Year <i>10/7/13</i> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____						
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____						
18b. Alternate Facility (or Generator) Facility's Phone: <i>AA</i>			U.S. EPA ID Number			
18c. Signature of Alternate Facility (or Generator) <i>AA</i>			Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <i>H132</i>	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <i>Albert Ewins</i> Signature <i>Albert Ewins</i> Month Day Year <i>10/8/13</i>						



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841633 JJK</b>	
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053 Generator's Phone: 1-270-441-5000</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>			
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number <b>KYD000735845</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Energy Solutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 Facility's Phone: 1-435-884-0155</b>			U.S. EPA ID Number <b>UTD982598898</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	<b>RQ</b>	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 34553 MBq, Fissile Excepted</b>	<b>1</b>	<b>GM</b>	<b>46520</b>	<b>K</b>
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>Railcar: PDRX 6 PCB Date to Storage: 12/13/2012</b> <b>If undeliverable, return to generator Shipment ID: 6228-15-0028</b> <i>PRO8366</i>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name <i>LoChelle Telfair on behalf of the US DOE</i>		Signature <i>LoChelle Telfair</i>		Month Day Year <i>07   18   13</i>		
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>LoChelle Telfair on behalf of the PAK</i> Signature <i>LoChelle Telfair</i> Month Day Year <i>07   18   13</i> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____					
DESIGNATED FACILITY	18. Discrepancy					
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	18b. Alternate Facility (or Generator)			Manifest Reference Number: _____ U.S. EPA ID Number _____		
	Facility's Phone: _____			18c. Signature of Alternate Facility (or Generator) <i>AA</i> Month Day Year _____		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <i>H132</i>		2. _____		3. _____		4. _____
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <i>Albert Euns</i>		Signature <i>Albert Euns</i>		Month Day Year <i>08   2   13</i>		





<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841634 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevii, KY 42053</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevii, KY 42053</b>			
Generator's Phone: <b>1-270-441-5000</b>				U.S. EPA ID Number <b>KYD000735845</b>			
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 1-435-884-0155</b>				U.S. EPA ID Number <b>UTD082508898</b>			
Facility's Phone:							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	<b>1. UN 3321, Radioactive material, low specific activity (LSA-II), RQ 7, (PCB), U-234, Solid/Oxide, 35455 MBq, Fissile Excepted</b>	<b>1</b>	<b>CM</b>	<b>47736</b>	<b>K</b>		
14. Special Handling Instructions and Additional Information <b>ERG # 162</b> <b>PL08380</b> <b>Railcar: PDRX 10</b> <b>PCB Date to Storage: 12/14/12</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>If undeliverable, return to generator</b> <b>Shipment ID: 6228-15-0029</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>Lachelle Telfair on behalf of the US DOE</b>				Signature <i>Lachelle Telfair</i>		Month Day Year <b>10/18/13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of the PAC</b>				Signature <i>Lachelle Telfair</i>		Month Day Year <b>10/18/13</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator)    Manifest Reference Number: _____    U.S. EPA ID Number _____							
Facility's Phone: _____						Month Day Year	
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>1432</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>J. Gardner</b>				Signature <i>J. Gardner</i>		Month Day Year <b>10/19/13</b>	

Additional Information, Page 2 of 2

Manifest Number: 006841634JJK

Shipment ID Number: 6228-15-0029

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kgs)	Net Wt (Kgs)	Activity MBq	TIDs
118043-10	PDRX 10	PCB Remediation Demolition Rubble	12/14/12 12/15/12 5/7/13	1850	171240	105240	77673	47736	35455	039808, 039825

Totals

1850 171240 105240 77673 47736 35455

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841635 JJK</b>				
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevill, KY 42053 Generator's Phone: 1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevill, KY 42053</b>					
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>					U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 Facility's Phone: 1-435-884-0155</b>					U.S. EPA ID Number <b>UTD982598898</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		1. <b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 34142 MBq, Fissile Excepted</b>		No.	Type				
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>Railcar: PDRX 31      PCB Date to Storage: 12/14/2012 PRO8275      If undeliverable, return to generator Shipment ID: 6228-15-0030</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name <b>LoChelle Telfair on behalf of the US DOE</b>		Signature <i>LoChelle Telfair</i>		Month <b>10</b>		Day <b>18</b>		Year <b>13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>LoChelle Telfair on behalf of the PAL</b>		Signature <i>LoChelle Telfair</i>		Month <b>07</b>		Day <b>18</b>		Year <b>13</b>	
Transporter 2 Printed/Typed Name		Signature		Month		Day		Year	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Typo <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____									
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____									
19 Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20 Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <b>Justin Lee</b>		Signature <i>Justin Lee</i>		Month <b>8</b>		Day <b>15</b>		Year <b>13</b>	

Additional Information, Page 2 of 2

Manifest Number: 006841635LJK

Shipment ID Number: 6228-15-0030

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net WT (Kg)	Activity MBq	TIDs
118043-11	PDRX 31	PCB Remediation Demolition Rubble	12/14/12	1850	167240	101340	75858	45967	34142	039562, 039592

Totals 1850 167240 101340 75858 45967 34142

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841636 JJK</b>			
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevii, KY 42053 1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevii, KY 42053</b>				
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>					U.S. EPA ID Number <b>KYD000735845</b>			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 1-435-884-0155</b>					U.S. EPA ID Number <b>UTD982598898</b>			
Facility's Phone:								
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1. <b>RQ</b>	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 47910 MBq, Fissile Excepted</b>			<b>1 CM</b>		<b>64519</b>	<b>K</b>	
2.								
3.								
4.								
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>								
<b>Railcar: PDRX 37      PCB Date to Storage: 12/19/2012</b>								
<b>If undeliverable, return to generator      Shipment ID: 6228-15-0031</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <b>Lachelle Telfair on behalf of the US DOE</b>				Signature <i>Lachelle Telfair</i>		Month Day Year <b>07   19   13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of the PRR</b>				Signature <i>Lachelle Telfair</i>		Month Day Year <b>07   18   13</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
18b. Alternate Facility (or Generator)      Manifest Reference Number: _____      U.S. EPA ID Number _____								
Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Albert Ems</b>				Signature <i>Albert Ems</i>		Month Day Year <b>8   2   13</b>		

Additional Information, Page 2 of 2

Manifest Number: 006841636JJK

Shipment ID Number: 6228-15-0031

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (kg)	Activity MBq	TIDS
118043-12	PDRX 37	PCB Remediation Demolition Rubble	12/19/12	1850	209540	142240	95045	64519	47910	039513, 039514

Totals

1850 209540 142240 95045 64519 47910

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841637 JJK</b>	
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>			
Generator's Phone: <b>1-270-441-5000</b>						
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number <b>KYD000735845</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029</b>			U.S. EPA ID Number <b>UTD982598898</b>			
Facility's Phone: <b>1-435-884-0155</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
1.	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 33913 MBq, Fissile Excepted</b>	1	CM	45658	K	
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>						
			<b>Railcar: PDRX 25</b>		<b>PCB Date to Stoargo: 1/4/2013</b>	
			<b>If undeliverable, return to generator Shipment ID: 6228-15-0032</b>			
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name <i>LoChelle Telfair on behalf of the US DOE</i>			Signature <i>LoChelle Telfair</i>		Month Day Year <i>10/18/13</i>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>LoChelle Telfair on behalf of the PAL</i>			Signature <i>LoChelle Telfair</i>		Month Day Year <i>10/18/13</i>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____						
Facility's Phone: <i>ASD</i>						
18c. Signature of Alternate Facility (or Generator)					Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. <i>H132</i>		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <i>Albert Euns</i>			Signature <i>Albert Euns</i>		Month Day Year <i>8/2/13</i>	





<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-8211</b>	4. Manifest Tracking Number <b>006841638 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevll, KY 42053 1-270-441-5000</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevll, KY 42053</b>				
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 1-435-884-0155</b>			U.S. EPA ID Number <b>UTD982598898</b>				
Facility's Phone:							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
1.	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 36515 MBq, Fissile Excepted</b>		1	CM	47817	K	
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>							
<b>Railcar: PDRX 3      PCB Date to Storage: 1/7/2013 If undeliverable, return to generator Shipment ID: 6228-15-0033</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <i>LaChelle Telfair on behalf of the US DOE</i>			Signature <i>LaChelle Telfair</i>		Month Day Year <i>10/7/18/13</i>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>LaChelle Telfair on behalf of the PALI</i>			Signature <i>LaChelle Telfair</i>		Month Day Year <i>10/7/18/13</i>		
Transporter 2 Printed/typed Name			Signature		Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) <i>[Signature]</i>						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	2.	3.	4.				
<i>H132</i>							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <i>Albert Evans</i>			Signature <i>Albert Evans</i>		Month Day Year <i>10/8/18/13</i>		

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY

Additional Information, Page 2 of 2

Manifest Number: 006841638JJK

Shipment ID Number: 6228-15-0039

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-14	PDRX 3	PCB Remediation Demolition Rubble	01/07/13	1850	171420	105420	77754	47817	35515	039817, 039854

Totals 1850 171420 105420 77754 47817 35515

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8690008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841639 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053</b> Generator's Phone: <b>1-270-441-5000</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>				
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029</b> Facility's Phone: <b>1-435-884-0155</b>			U.S. EPA ID Number <b>UTD982598898</b>				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
			No.	Type			
1.	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 36438 MBq, Fissile Excepted</b>		<b>1</b>	<b>CM</b>	<b>49060</b>	<b>K</b>	
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-9802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>Railcar: PDRX 35 PCB Date to Storage: 1/9/2013 If undeliverable, return to generator Shipment ID: 6228-15-0034</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true							
Generator's/Offendor's Printed/Typed Name <b>LaChelle Telfair on behalf of the US DOE</b>		Signature <i>LaChelle Telfair</i>			Month <b>10</b>	Day <b>18</b>	Year <b>13</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>LaChelle Telfair on behalf of the PAZ</b>		Signature <i>LaChelle Telfair</i>			Month <b>10</b>	Day <b>18</b>	Year <b>13</b>
Transporter 2 Printed/Typed Name		Signature			Month	Day	Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
Facility's Phone: <b>AAA</b>							
18c. Signature of Alternate Facility (or Generator) <i>AAA</i>					Month	Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	<b>H132</b>		3.			4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Albert Lewis</b>		Signature <i>Albert Lewis</i>			Month <b>10</b>	Day <b>21</b>	Year <b>13</b>

Additional Information, Page 2 of 2

Manifest Number: 006841639JJK

Shipment ID Number: 6228-15-0034

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Net.WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-15	PDRX 35	PCB Remediation Demolition Rubble	01/09/13	1850	173860	108160	78861	49060	36438	039841, 039804

**Totals** 1850 173860 108160 78861 49060 36438

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841640 JJK</b>			
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevill, KY 42053 Generator's Phone: 1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevill, KY 42053</b>				
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 Facility's Phone: 1-435-884-0155</b>				U.S. EPA ID Number <b>UTD982598888</b>				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	1. <b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 63761 MBq, Fissile Excepted</b>			No.	Type			
	RC			1	CM	72402	K	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> Railcar: <b>PDRX 29</b> PCB Date to Storage: <b>1/11/2013</b> <b>PRO 8376</b> <b>If undeliverable, return to generator</b> <b>Shipment ID: 6228-15-0035</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offero's Printed/Typed Name <b>LaChelle Telfair on behalf of the US DOE</b>				Signature <i>LaChelle Telfair</i>		Month Day Year <b>07/18/13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>LaChelle Telfair on behalf of the PAI</b>				Signature <i>LaChelle Telfair</i>		Month Day Year <b>07/18/13</b>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
18b. Alternate Facility (or Generator)						Manifest Reference Number: U.S. EPA ID Number		
Facility's Phone:						U.S. EPA ID Number		
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Justin Lee</b>				Signature <i>Justin Lee</i>		Month Day Year <b>08/15/13</b>		

Additional Information, Page 2 of 2

Manifest Number: 006841640JJK

Shipment ID Number: 6228-15-0035

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross WT (Kgt)	Net Wt (Kgt)	Activity MBq	TIDS
118043-16	PDRX 29	PCB Remediation Demolition Rubble	01/11/13	1850	225620	159620	102430	72402	53761	039855.039852

Totals 1850 225620 159620 102430 72402 53761

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841641 JJK</b>			
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevill, KY 42053</b>		Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevill, KY 42053</b>						
Generator's Phone: <b>1-270-441-5000</b>								
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029</b>				U.S. EPA ID Number <b>UTD982598898</b>				
Facility's Phone: <b>1-435-884-0155</b>								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	RQ	1. <b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 44591 MBq, Fissile Excepted</b>		1 CM		60046	K	
		2.						
		3.						
		4.						
14. Special Handling Instructions and Additional Information <b>Railcar: PDRX 21      PCB Date to Storage: 1/11/2013</b> <b>ERG # 162    In the event of an RQ Release, call 1-800-424-8802      If undeliverable, return to generator</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.      Shipment ID: 6228-15-0036</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offorer's Printed/Typed Name <i>LaChelle Telfair on behalf of the USDOE</i>		Signature <i>LaChelle Telfair</i>			Month Day Year <i>10 7 13</i>			
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.    Port of entry/exit: _____ Transporter signature (for exports only): _____    Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name    Signature    Month Day Year <i>LaChelle Telfair on behalf of the PAL</i> <i>LaChelle Telfair</i> <i>10 7 13</i> Transporter 2 Printed/Typed Name    Signature    Month Day Year							
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____							
	18b. Alternate Facility (or Generator) Facility's Phone: _____    U.S. EPA ID Number: _____							
	18c. Signature of Alternate Facility (or Generator)    Month Day Year							
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. <i>H132</i> 2. _____    3. _____    4. _____							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name    Signature    Month Day Year <i>Albert Gums</i> <i>Albert Gums</i> <i>10 5 13</i>								

Additional Information, Page 2 of 2

Manifest Number: 006841641JJK

Shipment ID Number: 6228-15-0036

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-17	PDRX 21	PCB Remediation Demolition Rubble	01/11/13	1850	198780	132380	90165	60046	44591	039827, 039872

Totals 1850 198780 132380 90165 60046 44591



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890006982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841642 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053 1-270-441-5000</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>				
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 1-435-884-0155</b>			U.S. EPA ID Number <b>UTD082598898</b>				
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 42578 MBq, Fissile Excepted</b>	No.	Type			
			1	CM	57334	K	
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>Railcar: PDRX 27 PCB Date to Storage: 1/14/2013 If undeliverable, return to generator Shipment ID: 6228-15-0037</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <i>LoChelle Telfair on behalf of the US DOE</i>		Signature <i>LoChelle Telfair</i>		Month Day Year <i>07 18 13</i>			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>LoChelle Telfair on behalf of the PAK</i>		Signature <i>LoChelle Telfair</i>		Month Day Year <i>07 18 13</i>			
Transporter 2 Printed/Typed Name		Signature		Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <i>H132</i>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <i>Albert Gurs</i>		Signature <i>Albert Gurs</i>		Month Day Year <i>8 5 13</i>			

Additional Information, Page 2 of 2

Manifest Number: 006841641JK

Shipment ID Number: 6228-15-0036

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-17	PDRX 21	PCB Remediation Demolition Rubble	01/11/13	1850	198780	132380	90165	60046	44591	039827, 039872

Totals 1850 198780 132380 90165 60046 44591

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

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841643 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevill, KY 42053</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevill, KY 42053</b>				
Generator's Phone: <b>1-270-441-5000</b>			U.S. EPA ID Number <b>KYD000735845</b>				
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029</b>			U.S. EPA ID Number <b>UTD982598898</b>				
Facility's Phone: <b>1-435-884-0155</b>							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. <b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 64452 MBq, Fissile Excepted</b>	No.	Type			
		2.	1	CM	86808	K	
		3.					
		4.					
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> Railcar: <b>PDRX 33</b> PCB Date to Storage: <b>PRO 8359 2/13/2013</b> <b>If undeliverable, return to generator</b> <b>Shipment ID: 6228-15-0038</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>Lachelle Telfair on behalf of the US DOE</b>		Signature <i>Lachelle Telfair</i>		Month	Day	Year	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:					<b>07/18/13</b>
TRANSPORTER INTL	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of the ARA</b>		Signature <i>Lachelle Telfair</i>		Month	Day	Year
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	18b. Alternate Facility (or Generator)			Manifest Reference Number: U.S. EPA ID Number			
	Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Albert Euns</b>		Signature <i>Albert Euns</i>		Month	Day	Year	<b>8/5/13</b>

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Additional Information, Page 2 of 2

Manifest Number: 066841643JJK

Shipment ID Number: 6228-15-0038

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-19	PDRX 33	PCB Remediation Demolition Rubble	02/13/13	1850	257180	191380	116654	86309	54452	039889, 039837

**Totals** 1850 257180 191380 116654 86808 54452

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841644 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053 Generator's Phone: 1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>			
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 Facility's Phone: 1-435-884-0155</b>				U.S. EPA ID Number <b>UTD982598898</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		<b>UN 3321, Radioactive material, low specific activity (LSA-II), (PCB), U-234, Solid/Oxide, 61389 MBq, Fissile Excepted</b>	No.	Type			
			<b>1</b>	<b>CM</b>	<b>82680</b>	<b>K</b>	
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>Railcar: PDRX 16 PCB Date to Storage: 2/14/2013 If undeliverable, return to generator Shipment ID: 6228-15-0039</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <b>LaChelle Telfair on behalf of the US DOE</b> Signature <i>LaChelle Telfair</i> Month Day Year <b>10 7 13</b>							
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>LaChelle Telfair on behalf of the PACI</b> Signature <i>LaChelle Telfair</i> Month Day Year <b>10 7 13</b>						
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	18c. Signature of Alternate Facility (or Generator) Month Day Year						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	1. <b>H132</b>	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name <b>Albert Euns</b> Signature <i>Albert Euns</i> Month Day Year <b>8 5 13</b>							

Additional Information, Page 2 of 2

Manifest Number: 006841644LJK

Shipment ID Number: 6228-15-0039

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-20	PDRX 16	PCB Remediation Demolition Rubble	02/14/13	1850	243680	182280	112799	32680	61389	039826, 039815

Totals 1850 243680 182280 112799 32680 61389

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841645 JJK</b>				
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053 1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>					
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>					U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 1-435-884-0155</b>					U.S. EPA ID Number <b>UTD982598898</b>				
Facility's Phone:									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
1.	<b>UN 3321, Radioactive material, low specific activity (LSA-II), RQ 7, (PCB), U-234, Solid/Oxide, 58069 MBq, Fissile Excepted</b>			<b>1 CM</b>		<b>78208</b>	<b>K</b>		
2.									
3.									
4.									
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>									
<b>PR08377</b>									
<b>Railcar: PDRX 23      PCB Date to Storage: 2/20/2013</b>									
<b>If undeliverable, return to generator      Shipment ID: 6228-15-0040</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name <b>Lachelle Telfair on behalf of the US DOE</b>					Signature <i>Lachelle Telfair</i>		Month <b>10</b>	Day <b>18</b>	Year <b>13</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.      Port of entry/exit: _____ Transporter signature (for exports only): _____      Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of the PAL</b>					Signature <i>Lachelle Telfair</i>		Month <b>10</b>	Day <b>18</b>	Year <b>13</b>
Transporter 2 Printed/Typed Name					Signature		Month	Day	Year
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____      U.S. EPA ID Number _____									
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) Month _____ Day _____ Year _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. <b>H132</b>		2.		3.		4.			
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name <b>Justin Lee</b>					Signature <i>Justin Lee</i>		Month <b>10</b>	Day <b>15</b>	Year <b>13</b>

Additional Information, Page 2 of 2

Manifest Number: 006841645JJK

Shipment ID Number: 6228-15-0040

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (kg)	Activity MBq	TIDs
118043-21	PDRX 23	PCB Remediation Demolition Rubble	02/20/13	1850	238520	172420	108190	78208	58059	039843, 039835

Totals 1850 238520 172420 108190 78208 58059



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841646 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053 1-270-441-5000</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>				
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Energy Solutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 1-435-884-0155</b>			U.S. EPA ID Number <b>UTD982508898</b>				
Facility's Phone:							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1.	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 54999 MBq, Fissile Excepted</b>	<b>1</b>	<b>CM</b>	<b>74071</b>	<b>K</b>		
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>							
<b>Railcar: PDRX 24</b>							
<b>PCB Date to Storage: 2/19/2013</b>							
<b>If undeliverable, return to generator</b>							
<b>Shipment ID: 6228-15-0041</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>LaChelle Telfair on behalf of the US DOE</b>							
Signature <i>LaChelle Telfair</i>					Month <b>07</b>	Day <b>18</b>	Year <b>13</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>LaChelle Telfair on behalf of the PAL</b>							
Signature <i>LaChelle Telfair</i>					Month <b>07</b>	Day <b>18</b>	Year <b>13</b>
Transporter 2 Printed/typed Name							
Signature							
Month Day Year							
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator)							
Manifest Reference Number:							
U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)							
Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1	2	3	4				
<b>H13Z</b>							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Albert Gums</b>					Month <b>18</b>	Day <b>5</b>	Year <b>13</b>
Signature <i>Albert Gums</i>							

Additional Information, Page 2 of 2

Manifest Number: 006841646JJK

Shipment ID Number: 6228-15-0041

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (cu)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDS
118043-22	PDRX 24	PCB Remediation Demolition Rubble	02/19/13	1850	229600	163300	104144	74071	54999	039807, 039857

<b>Totals</b>				<b>1850</b>	<b>229600</b>	<b>163300</b>	<b>104144</b>	<b>74071</b>	<b>54999</b>	
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<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841647 JJK</b>	
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053</b> Generator's Phone: <b>1-270-441-5000</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>			
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029</b> Facility's Phone: <b>1-435-884-0155</b>				U.S. EPA ID Number <b>UTD082598898</b>		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
<b>RQ</b>	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 47695 MBq, Fissile Excepted</b>	<b>1</b>	<b>CM</b>	<b>64228</b>	<b>K</b>	
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>Railcar: PDRX 28 PCB Date to Storage: 2/28/2013</b> <b>If undeliverable, return to generator Shipment ID: 6228-15-0042</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name <b>Lachelle Telfair on behalf of the USDQE</b>				Signature <i>Lachelle Telfair</i>		Month Day Year <b>07   18   13</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of the PAL</b>				Signature <i>Lachelle Telfair</i>		Month Day Year <b>07   18   13</b>
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator)				Manifest Reference Number: _____ U.S. EPA ID Number _____		
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
<b>H132</b>						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Albert Guss</b>				Signature <i>Albert Guss</i>		Month Day Year <b>08   05   13</b>

Additional Information, Page 2 of 2

Manifest Number: 006841647JJK

Shipment ID Number: 6228-15-0042

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDS
118043-23	PDRX 28	PCB Remediation Demolition Rubble	02/26/13	1850	207700	141600	94211	64228	47695	039821.039882

Totals

1850 207700 141600 94211 64228 47695

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841648 JJK</b>	
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevill, KY 42053 1-270-441-5000</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5800 Hobbs Rd, Kevill, KY 42053</b>			
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number <b>KYD000735845</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Energy Solutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 1-435-884-0155</b>			U.S. EPA ID Number <b>UTD082598898</b>			
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	<b>1. UN 3321, Radioactive material, low specific activity (LSA-II), RQ 7, (PCB), U-234, Solid/Oxide, 53179 MBq, Fissile Excepted</b>		<b>1</b>	<b>CM</b>	<b>71617</b>	<b>K</b>
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-900-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>Railcar: PDRX 8</b> <b>PCB Date to Storage: 2/26/2013</b> <b>If undeliverable, return to generator</b> <b>Shipment ID: 6228-15-0043</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name <b>Lachelle Telfair on behalf of the US DOE</b>			Signature <i>Lachelle Telfair</i>		Month <b>10</b>	Day <b>18</b>
					Year <b>13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of the PAI</b>			Signature <i>Lachelle Telfair</i>		Month <b>10</b>	Day <b>18</b>
					Year <b>13</b>	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number:						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
<b>H132</b>						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <b>Albert Gung</b>			Signature <i>Albert Gung</i>		Month <b>10</b>	Day <b>19</b>
					Year <b>13</b>	

Additional Information, Page 2 of 2

Manifest Number: 006841648JK

Shipment ID Number: 6228-15-0043

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-24	PDRX 8	PCB Remediation Demolition Rubble	02/26/13	1850	223990	157890	101600	71617	53178	039895, 039846

Totals 1850 223990 157890 101600 71617 53178

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841649 JJK</b>	
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>			
Generator's Phone: <b>1-270-441-5000</b>			U.S. EPA ID Number <b>KYD000735845</b>			
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>			U.S. EPA ID Number			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility UB I-90 Exit 49, Clive, UT 84029</b>			U.S. EPA ID Number <b>UTD082598898</b>			
Facility's Phone: <b>1-435-884-0155</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
		No.	Type			
<b>RQ</b>	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 52428 MBq, Fissile Excepted</b>	<b>1</b>	<b>CM</b>	<b>70606</b>	<b>K</b>	
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>Railcar: PDRX 36</b> <b>PCB Date to Storage: 3/19/2013</b> <b>If undeliverable, return to generator</b> <b>Shipment ID: 6228-15-0044</b>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name <b>LaChelle Telfair on behalf of the USDF</b>		Signature <i>LaChelle Telfair</i>		Month Day Year <b>07   18   13</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>LaChelle Telfair on behalf of the PAI</b>		Signature <i>LaChelle Telfair</i>		Month Day Year <b>07   18   13</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number: _____						
18b. Alternate Facility (or Generator)			U.S. EPA ID Number			
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	<b>H132</b>	2.		3.		4.
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a						
Printed/Typed Name <b>Albert Eurs</b>		Signature <i>Albert Eurs</i>		Month Day Year <b>8   9   13</b>		

Additional Information, Page 2 of 2

Manifest Number: 006841649JJK

Shipment ID Number: 6228-15-0044

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (m3)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-25	PDRX 36	PCB Remediation Demolition Rubble	03/19/13	1850	222560	155660	100951	70506	52428	039814, 039881

Totals 1850 222560 155660 100951 70506 52428



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841650 JJK</b>		
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevll, KY 42053 1-270-441-5000</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevll, KY 42053</b>				
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 1-435-884-0155</b>				U.S. EPA ID Number <b>UTD982598898</b>			
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
		<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 55255 MBq, Fissile Excepted</b>	<b>1</b>	<b>CM</b>	<b>74416</b>	<b>K</b>	
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>							
Railcar: <b>PDRX 14</b> PCB Date to Storage: <b>3/15/2013</b> If undeliverable, return to generator Shipment ID: <b>6228-15-0045</b>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Lachelle Telfair on behalf of the US DOE</b>							
				Signature <i>Lachelle Telfair</i>		Month Day Year <b>07/18/13</b>	
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of the PALL</b>							
				Signature <i>Lachelle Telfair</i>		Month Day Year <b>07/18/13</b>	
Transporter 2 Printed/Typed Name							
Signature							
Month Day Year							
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	18b. Alternate Facility (or Generator)				Manifest Reference Number:		U.S. EPA ID Number
	Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. <b>H132</b>		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <b>Justin Lee</b>				Signature <i>Justin Lee</i>		Month Day Year <b>8/5/13</b>	

Additional Information, Page 2 of 2

Manifest Number: 0068841650JJK

Shipment ID Number: 6228-15-0045

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (kg)	Activity MBq	TIDs
118043-26	PDRX 14	PCB Remediation Demolition Rubble	03/15/13	1850	230250	164060	104444	74416	55255	039806, 039844

Totals 1850 230250 164060 104444 74416 55255

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841651 JJK</b>
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>		
Generator's Phone: <b>1-270-441-5000</b>					
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility UG I-80 Exit 40, Clive, UT 84020 1-435-884-0155</b>				U.S. EPA ID Number <b>UTD082508898</b>	
Facility's Phone:					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
	<b>1. UN 3321, Radioactive material, low specific activity (LSA-II), RQ 7, (PCB), U-234, Solid/Oxide, 60231 MBq, Fissile Excepted</b>	<b>1</b>	<b>CM</b>	<b>81120</b>	<b>K</b>
	<b>2.</b>				
	<b>3.</b>				
	<b>4.</b>				
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b>					
<b>Railcar: PDRX 26</b>					
<b>PCB Date to Storage: 3/22/2013</b>					
<b>If undeliverable, return to generator</b>					
<b>Shipment ID: 6228-15-0046</b>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offeror's Printed/Typed Name <b>Lachelle Telfair on behalf of the USDOE</b>				Signature <i>Lachelle Telfair</i>	
				Month Day Year <b>10 7 13</b>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of the PAC</b>				Signature <i>Lachelle Telfair</i>	
				Month Day Year <b>10 7 13</b>	
Transporter 2 Printed/Typed Name				Signature	
				Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
18b. Alternate Facility (or Generator)				Manifest Reference Number	
				U.S. EPA ID Number	
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator)				Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H132</b>		2.		3.	
				4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Justin Lee</b>				Signature <i>Justin Lee</i>	
				Month Day Year <b>8 15 13</b>	

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Additional Information, Page 2 of 2

Manifest Number: 006841651JJK

Shipment ID Number: 6228-15-0046

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-27	PDRX 26	PCB Remediation Demolition Rubble	03/22/13	1850	244080	178840	110712	81120	60231	039879, 039863

Totals 1850 244080 178840 110712 81120 60231

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-8211</b>	4. Manifest Tracking Number <b>006841652 JJK</b>			
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053</b>			Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>					
Generator's Phone: <b>1-270-441-5000</b>								
6. Transporter 1 Company Name <b>Paducah &amp; Louisville Railway, Inc</b>				U.S. EPA ID Number <b>KYD000735845</b>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029</b>				U.S. EPA ID Number <b>UTD982598898</b>				
Facility's Phone: <b>1-435-884-0155</b>								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	<b>RQ</b>	<b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 58196 MBq, Fissile Excepted</b>	<b>1</b>	<b>CM</b>	<b>99744 78370*</b>	<b>4/111 K</b>		
14. Special Handling Instructions and Additional Information <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment. See PCB Attachment for Additional Information.</b> <b>Railcar: PDRX 32</b> <b>PCB Date to Storage: 3/22/2013</b> <b>If undeliverable, return to generator</b> <b>Shipment ID: 6228-15-0047</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <b>Lachelle Telfair on behalf of the US DOE</b>								
Signature <i>Lachelle Telfair</i>								
Month Day Year <b>10/7/13</b>								
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name <b>Lachelle Telfair on behalf of the AK</b>							
Signature <i>Lachelle Telfair</i>								
Month Day Year <b>10/7/13</b>								
Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year ____/____/____								
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residua <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
	Facility's Phone: _____							
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <b>H132</b>		2. _____		3. _____		4. _____		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Albert Gums</b>								
Signature <i>Albert Gums</i>								
Month Day Year <b>8/5/13</b>								

Additional Information, Page 2 of 2

Manifest Number: 006841652JJK

Shipment ID Number: 6228-15-0047

Shipment Date: 7/18/2013

WASTE ID	Container Serial Number	Description	PCB Date to Storage	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Net WT (lb)	Gross Wt (Kg)	Net Wt (Kg)	Activity MBq	TIDs
118043-28	PDFX 32	PCB Remediation Demolition Rubble	03/22/13	1850	230982	172797	104771	76379	58196	038620, 038671

Totals

1850 230982 172797 104771 76379 58196

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 8890008982	2. Page 1 of 2	3. Emergency Response Phone 1-270-441-6211	4. Manifest Tracking Number 006841659 JJK		
5. Generator's Name and Mailing Address U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053 Generator's Phone: 1-270-441-5000				Generator's Site Address (if different than mailing address) U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053			
6. Transporter 1 Company Name CAST Transportation				U.S. EPA ID Number COR000005389			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address EnergySolutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 49, Clive, UT 84029 Facility's Phone: 1-435-884-0155				U.S. EPA ID Number UTD982598898			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
RQ	1. UN 3321, Radioactive material, low specific activity (LSA-II), 7, (Asbestos, PCB), Am-241, Pu-239, Th-228, Th-230, Solid/Oxide, 4203 MBq, Fissile Excepted	1	GM	5652	K		
RQ	2. UN 3321, Radioactive material, low specific activity (LSA-II), 7, (Asbestos, PCB), Am-241, Pu-239, Th-228, Th-230, Solid/Oxide, 156 MBq, Fissile Excepted	1	BA	2068	K		
14. Special Handling Instructions and Additional Information Truck: 1290 Trailer: OTR45 ERG # 162 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment, See PCB Attachment for Additional Info PCB Start Date: 12/19/12 If undeliverable, return to generator Shipment ID: 6228-15-0048							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name LaChelle Telfair on behalf of the US DOE				Signature <i>LaChelle Telfair</i>		Month Day Year 10   26   13	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Material's Transporter 1 Printed/Typed Name ROBERT WRIGHT Signature <i>Robert Wright</i> Month Day Year 10   26   13 Transporter 2 Printed/Typed Name Signature Month Day Year							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Facility's Phone:				Manifest Reference Number: U.S. EPA ID Number:			
18c. Signature of Alternate Facility (or Generator):						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H132		2. H132		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name Albert Ewins Signature <i>Albert Ewins</i> Month Day Year 10   29   13							

PCB and Additional Information Attachment, Page 2 of 2

Manifest Number: 006841659JJK

Shipment ID Number: 6228-15-0048

Shipment Date: 7/26/2013

UHWIM Section	RFID	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Gross WI (Kgs)	Activity MBQ
9b.1	118083	118083-01	PAD12C16877	ACM DEBRIS FROM C-340 CLEANUP (STEEL, PPE, PLASTIC, TRANSITE)	12/19/12	539	19960	9053.66	4202.50
9b.2	118108	118108-01	PAD13C16580	ACM HEATER BOX	04/25/13	155	4560	2068.37	156.07

Totals 2 694 24520 11122.03 4358.57



448135  
8/16/13

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

DG7713546

SC PPW 3/3/2011

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <b>KY8890008982</b>	2. Page 1 of <b>2/3</b>	3. Emergency Response Phone <b>(800) 483-3718</b>	4. Manifest Tracking Number <b>006894418 FLE</b>
5. Generator's Name and Mailing Address <b>US DOE c/o LATA KY LLC 761 Veterans Avenue Kevil, KY 42053</b>					
Generator's Site Address (if different than mailing address) <b>5600 Hobbs Road Kevil, KY 42053</b>					
Generator's Phone: <b>(270) 441-5318 ATTN: Lachelle Telfair</b>					
6. Transporter 1 Company Name <b>Clean Harbors Environmental Services Inc</b>				U.S. EPA ID Number <b>MAD039322250</b>	
7. Transporter 2 Company Name <b>Robbie D. Wood, Inc.</b>				U.S. EPA ID Number <b>ALD067138891</b>	
8. Designated Facility Name and Site Address <b>Clean Harbors PPM LLC 2474 Highway 169 North Coffeyville, KS 67337</b>				U.S. EPA ID Number <b>KSD981506025</b>	
Facility's Phone: <b>(620) 251-6380</b>					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers	11. Total Quantity
		1. <b>RQ, UN2315, WASTE POLYCHLORINATED BIPHENYLS, LIQUID, 9, PG III (POLYCHLORINATED BIPHENYLS)</b>		No. Type	12. Unit Wt./Vol.
				001 DM	0307
					PK
13. Waste Codes					
14. Special Handling Instructions and Additional Information <b>1. CH668225 ERG#171 1 X55</b> <i>out of service</i> <i>PCB Start Date: 10/5/09</i> <i>WID: 118355-01</i> <i>PPDP Emergency Response # 955: (270) 441-6211 (Shift Superintendent)</i> <i>If delayed in transit, notify Lachelle Telfair at (270) 916-4157</i> <b>OUT OF SERVICE DATE: 05/23/13</b>					
15. GENERATOR'S/OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true <b>BL6EU</b>					
Generator's/Operator's Printed/Typed Name <b>Lachelle Telfair on behalf of the US DOE</b>					
Signature <i>Lachelle Telfair</i>					
Month Day Year <b>10/16/13</b>					
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of export: _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials				
TRANSPORTER	Transporter 1 Printed/Typed Name <b>Nyrene Coleman</b>		Signature <i>Nyrene Coleman</i>		Month Day Year <b>10/16/13</b>
	Transporter 2 Printed/Typed Name <b>DONALD G. MCDONALD</b>		Signature <i>Donald G. McDonald</i>		Month Day Year <b>8/29/13</b>
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	18b. Alternate Facility (or Generator)				
	Facility's Phone: _____ U.S. EPA ID Number: _____				
18c. Signature of Alternate Facility (or Generator) <i>AAA</i>					
Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. <b>H039</b>		2.		3.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name <b>Kathy Argent</b>				Signature <i>Kathy Argent</i>	
				Month Day Year <b>9/11/13</b>	

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Additional Information Attachment, Page 2 of 2

Manifest Number: 006894418FLE

Shipment ID Number: 006894418FLE

Shipment Date: 8/16/2013

UHW/M Section	RFD	Container / WASTE ID	Barcode	Description	Accumulation Date	NET VOLUME (ft <sup>3</sup> )	GROSS WT (lb)	Gross Wt (Kg)	PCB Start Date
9b.1	118355	118355-01	PAD13C18233	PCB TRANSFORMER OIL	N/A	7.4	676	307	10/5/2009
Totals						7.4	676	307	

468135  
8/16/13

Please print or type (Form designed for use on elite (12-pitch) typewriter.) **DG7713546** **SC PPW 3/3/2011** Form Approved OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>(800) 483-3748</b>	4. Manifest Tracking Number <b>006894419 FLE</b>	
5. Generator's Name and Mailing Address <b>US DOE c/o LATA KY LLC 761 Veterans Avenue Kevill, KY 42053</b>						
Generator's Site Address (if different than mailing address) <b>6791140 2 5600 Hobbs Road Kevill, KY 42053</b>						
6. Transporter 1 Company Name <b>Clean Harbors Environmental Services Inc</b>				U.S. EPA ID Number <b>MAD039322250</b>		
7. Transporter 2 Company Name <b>SLT</b>				U.S. EPA ID Number <b>W2K06508575</b>		
8. Designated Facility Name and Site Address <b>Clean Harbors Deer Park, LLC 2027 Independence Parkway South La Porte, TX 77571</b>				U.S. EPA ID Number <b>TXD055141378</b>		
Facility's Phone: <b>(281) 930-2300</b>						
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Weight	13. Waste Codes
		No.	Type			
X	1. <b>NO. NA3092, HAZARDOUS WASTE, LIQUID, N.O.S., (PCB, XYLENE), 9, PG III (D001, F003, F005), RC (P001) UNAPP. WASTE, 2, 201 (P001) UNAPP. WASTE, 2, 201 (P001) UNAPP. WASTE</b>	—	—	—	—	<b>D001 F003 F005 OUTSIDE</b>
	2. <b>UNAPP. WASTE, FLAMMABLE LIQUIDS, N.O.S. (Xylene, Toluene), 3, PG III, (RC) (P001)</b>	005	OF	93 304	P/K	<b>D001 F003 F005 OUTSIDE</b>
3.						
4.						
14. Special Handling Instructions and Additional Information <b>2. CH689752</b> <b>ERG# 172 5 X 5</b> <b>128</b> <b>PCB Start Date: 2/20/12</b> <b>If delayed in transit, notify LaChelle</b> <b>OUT OF SERVICE DATE 3/11/13</b> <b>28/9/13</b> <b>Accumulation Start Date: 2/21/12</b> <b>Tel: 816-4157</b> <b>RGTP Emergency Response # 485 (270) 441-6211 (Shift Supervisor)</b>						
15. GENERATOR'S/CERTIFIER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/accused, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 282.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Certifier's Printed/Typed Name <b>(K) LaChelle Telfair on behalf of the US DOE</b>				Signature <i>LaChelle Telfair</i>		Month Day Year <b>10/8/13</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of export/ Date leaving U.S.						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Lurana Coleman</b>				Signature <i>Lurana Coleman</i>		Month Day Year <b>10/8/13</b>
Transporter 2 Printed/Typed Name <b>Ron Dickerson</b>				Signature <i>Ron Dickerson</i>		Month Day Year <b>10/12/13</b>
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (for Generator) Manifest Reference Number: U.S. EPA ID Number						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
19. <b>H040</b>						
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a.						
Printed Name <b>T. Steamer</b>				Signature <i>T. Steamer</i>		Month Day Year <b>10/13/13</b>

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)  
**Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.**

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AA

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b> (Continuation Sheet)		21. Generator ID Number <b>KY8890008992</b>	22. Page <b>242</b>	23. Manifest Tracking Number <b>000894419 ME</b>					
24. Generator's Name <b>US DOE CO LATA KYLLC</b>									
25. Transporter <b>3</b> Company Name <b>Clean Harbors</b>			U.S. EPA ID Number <b>MA003972220</b>						
26. Transporter _____ Company Name			U.S. EPA ID Number						
GENERATOR	27a HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
			No.	Type					
	<b>TPB</b>								
32. Special Handling Instructions and Additional Information									
TRANSPORTER	33. Transporter <b>3</b> Acknowledgment of Receipt of Materials								
	Printed/Typed Name <b>Shirley Alexander</b>	Signature <b>SMA</b>	Month <b>08</b>	Day <b>26</b>	Year <b>13</b>				
DESIGNATED FACILITY	34. Transporter Acknowledgment of Receipt of Materials								
	Printed/Typed Name	Signature	Month	Day	Year				
35. Discrepancy									
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator ID Number KY 8890008982	2 Page 1 of 2	3 Emergency Response Phone 1-270-441-6211	4. Manifest Tracking Number 006841658 JJK		
5. Generator's Name and Mailing Address U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053 Generator's Phone: 1-270-441-5000			Generator's Site Address (if different than mailing address) U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd. Kevil, KY 42053				
6. Transporter 1 Company Name Cast Transportation			U.S. EPA ID Number COR000005389				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address National Security Technologies, LLW (NSTec) for the U.S. DOE, Waste Management, Nevada Test Site Zone 2, Mercury, NV 89023 Facility's Phone: 1-702-295-9393			U.S. EPA ID Number NV3890090001				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	RC	UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 33 MBq, Fissile Excepted	1	CM	1635	K	
	RC	UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 142 MBq, Fissile Excepted	1	CM	1017	K	
	RC	UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 3925 MBq, Fissile Excepted	1	CM	989	K	
14. Special Handling Instructions and Additional Information Truck: 1269 Trailer: OTR43 ERG # 162 If delayed in Transit Notify: LaChelle Telfair 270-816-4157 Exclusive Use Shipment, See PCB Attachment for Additional Info PCB Date to Storage: 11/16/11 If undeliverable, return to generator Shipment ID: PDL13003							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name LaChelle Telfair on behalf of the USDOE		Signature [Signature]		Month Day Year 8 19 13			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Frederick E. Hartless Signature [Signature] Month Day Year 8 19 13 Transporter 2 Printed/Typed Name Signature Month Day Year							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection NO OUT OF SERVICE DATE; No PCB net weight; No waste Profile Number 18b. Alternate Facility (or Generator) U.S. EPA ID Number Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1 H132 2 H132 3 H132 4							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name EDWIN TAKAHASHI		Signature [Signature]		Month Day Year 08 22 13			

FCG and Additional Information Attachment Page 2 of 2

Shipment ID Number: FEL0003

Manifest Number: 0084186640X

Shipment Date: 01/20/20

UNSP UNSC UNSI	Accession Number	Container Serial Number	MSZ Accession Number	Description	Material Component	ACE Date to Store	Net Volume (L)	Net Wt (g)	ORCAS Wt (g)	Concn (%)	Activity MCq	TD Number	Leaf Number
001	10201402	4011 SN 022	040121	VACUUM BOTTLE AND METALLIC PLASTIC AND SAMPLE RETURN	> 500.00g	06/07/02	60	1036.19	42.02	1000.40	0.34E+01	009087 009085	N/A 1076 1077
002	10201402	4011 SN 021	040120	PEB SCOURERS - METALLIC PLASTIC BAYONET	> 500.00g	11/05/01	60.4	1017.40	33.00	1485.10	1.46E+00	009087 009044	N/A 1044 1042
003	10201402	4011 SN 021	040121	CONVERTER AND PPE BAG OF YELLOW CAKE	> 500.00g	08/22/03	61.5	959.03	3.63	1456.97	3.30E+00	009032 009028	N/A N/A
							250.9	3841.67	10740	4971.56	-1.00E+02		

3

Y8H5

Each Entry on this Report is a Summary of the Material Data. It Does Not Contain the Original Data and is for Informational Purposes Only. The Original Data is Available in the Original Data File.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number KY 8890008982	2. Page 1 of <b>2</b>	3. Emergency Response Phone 1-270-441-6211	4. Manifest Tracking Number <b>006841661 JJK</b>				
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevill, KY 42053</b> Generator's Phone: <b>1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevill, KY 42053</b>					
6. Transporter 1 Company Name <b>CAST Transportation</b>				U.S. EPA ID Number <b>COR000005389</b>					
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>EnergySolutions Clive Disposal Site-Treatment Facility US I-80 Exit 49, Clive, UT 84029</b> Facility's Phone: <b>1-435-884-0155</b>				U.S. EPA ID Number <b>UTD982598898</b>					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1. <b>UN 3321, Radioactive material, low specific activity (LSA-II), 7, (PCB), U-234, Solid/Oxide, 3906 MBq, Fissile Excepted</b>			No.	Type				
RQ				1	CM	5253	K		
	2.								
	3.								
	4.								
14. Special Handling Instructions and Additional Information <b>Truck: 1284 Trailer: OTR 04 TID: 039434, 039448, 039471</b> <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment, See PCB Attachment for Additional Info</b> <b>PCB Start Date: 07/30/13</b> <b>If undeliverable, return to generator</b> <b>Shipment ID: 9501-21-0001</b>									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name <i>Lochelle Telfair on behalf of the U.S. DOE</i>				Signature <i>[Signature]</i>			Month <b>9</b>	Day <b>23</b>	Year <b>13</b>
16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <i>Clark Armstrong</i> Signature: <i>[Signature]</i> Month: <b>9</b> Day: <b>23</b> Year: <b>13</b> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____									
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Oua <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____ Facility's Phone: <i>AAA</i>									
18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1	2			3	4				
	<b>H132</b>								
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name <i>J. Gardner</i>				Signature <i>[Signature]</i>			Month <b>9</b>	Day <b>26</b>	Year <b>13</b>

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

PCB and Additional Information Attachment, Page 2 of 2

Manifest Number: 006841661JJK

Shipment ID Number: 9501-21-0001


Shipment Date: 9/23/2013

UHMW Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (G)	GROSS WT (lb)	Gross WT (Kgf)	Activity B1Bq	TIDS
9b.1	118127	118127-01	PAD13C18884	POB REMEDIATION DEBRIS (PLASTIC, WOOD, METAL, PPE)	07/30/13	520	19080	8654	3506	039431, 039448, 039471
<b>Totals</b>						<b>520</b>	<b>19080</b>	<b>8654</b>	<b>3906</b>	



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>3</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841668 JJK</b>			
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevill, KY 42053 1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevill, KY 42053</b>				
6. Transporter 1 Company Name <b>CASI Transportation</b>				U.S. EPA ID Number <b>COR000005389</b>				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Diversified Scientific Services, Inc. 657 Gallaher Road, Kingston, TN 37763 1-865-378-0084</b>				U.S. EPA ID Number <b>TND982109142</b>				
Facility's Phone:								
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
RQ	1. UN 2912, Waste Radioactive material, low specific activity (LSA-I), 7 (3), (D001, D018), Pu-239, Tc-99, Th-230, U-234, Liquid/Oxide, 12 MBq, Fissile Excepted	2	DM	396	K	D001	D018	
X	2. UN 2912, Waste Radioactive material, low specific activity (LSA-I), 7, Pu-239, Tc-99, Th-230, U-234, Liquid/Oxide, 20 MBq, Fissile Excepted	2	DF	647	K	D004	D010	
X	3. UN 2912, Radioactive material, low specific activity (LSA-I), 7, Pu-239, Tc-99, Th-230, U-234, Liquid/Oxide, 9 MBq, Fissile Excepted	1	DM	173	K			
X	4. UN 2922, Waste Corrosive liquids, toxic, n.o.s. (Antimony pentafluoride), 8 (8.1.7), PG-II, Limited quantity radioactive material	1	DM	2	K	D001	D002	D003
14. Special Handling Instructions and Additional Information <b>Truck: 1287, Van: 512 TID: 1086494 Accumulation Start Date: 08/01/13 PCB Start Date: N/A ERG # 162, <sup>154</sup>In the event of an RQ Release, call 1-800-424-8802 If undeliverable, return to generator Exclusive Use Shipment, See PCB Attachment for Additional Info Shipment ID: DSSI-13-107</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Officer's Printed/Typed Name <i>Lachelle Jefferson</i>				Signature <i>Lachelle Jefferson</i>		Month Day Year <i>10 10 13</i>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>JEREMY GATTS</b>				Signature <i>Jeremy Gatts</i>		Month Day Year <i>10 10 13</i>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
18b. Alternate Facility (or Generator)				Manifest Reference Number:		U.S. EPA ID Number		
Facility's Phone:				Signature <i>[Signature]</i>		Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <b>Hope O'Dell</b>				Signature <i>Hope O'Dell</i>		Month Day Year <i>11 01 13</i>		

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number <b>KY 8890008982</b>	22. Page <b>2</b>	23. Manifest Tracking Number <b>006841668JJK</b>				
24. Generator's Name <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevit, KY 42053</b>								
25. Transporter <i>J</i> Company Name <b>CAST Transportation</b>			U.S. EPA ID Number <b>COR000005389</b>					
28. Transporter _____ Company Name			U.S. EPA ID Number					
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit VR/Vol.	31. Waste Codes		
		No.	Type			D006	D007	D008
RQ	<b>NA 3082, Hazardous Waste Liquid, n.o.s. (D007, D011), 9, PG-III, (PCB)</b>	5	DM	1672	K	D009	D011	D027
RQ	<b>UN 2924 Waste Flammable Liquids, corrosive, n.o.s., (Methanol, Sulfuric Acid), 3 (6,7), PG-II, Limited quantity radioactive material, (PCB)</b>	1	DF	9	K	D001	D002	F003
	<b>Non-DOT Regulated Used Oil</b>	4	DM	1099	K	U154		
								
32. Special Handling Instructions and Additional Information <b>TRUCK: 1267 Van: 512 TID: 1085494 Accumulation Start Date: 12/05/12 PCB Start Date: 11/07/12</b> <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <small>CONTAINER HAS SUPPLIES. OTHER ITEMS ARE CONTAINED WITHIN THE CONTAINER. U.S. EPA ID: 000410-107</small>								
TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials			Signature		Month Day Year		
	Printed/Typed Name <b>SEBEM GATES</b>			<i>[Signature]</i>		<b>10   10   13</b>		
DESIGNATED FACILITY	34. Transporter Acknowledgment of Receipt of Materials			Signature		Month Day Year		
	Printed/Typed Name							
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8690008982</b>	2. Page 1 of 1	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841664 JJK</b>					
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevill, KY 42053 1-270-441-5000</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevill, KY 42053</b>						
6. Transporter 1 Company Name <b>CAST Transportation</b>				U.S. EPA ID Number <b>COR000005389</b>						
7. Transporter 2 Company Name				U.S. EPA ID Number						
8. Designated Facility Name and Site Address <b>Material and Energy Corporation 2010 Hwy 58 Suite 1020 Oak Ridge, TN 37830</b>				U.S. EPA ID Number <b>TNR000005397</b>						
Facility's Phone: <b>1-865-574-0335</b>										
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
RC	1. UN 3321, Waste Radioactive material, low specific activity (LSA-II), 7, Np-237, Pu-239, Th-230, U-234, Solid/Oxide, 3931 MBq, Fissile Excepted			1		DM	156	K	D006 D007 D008 D010	
RC	2. UN 3321, Waste Radioactive material, low specific activity (LSA-II), 7, Np-237, Pu-239, Th-230, U-234, Solid/Oxide, 32059 MBq, Fissile Excepted			6		DM	1432	K	D006 D007	
RC	3. UN 3321, Waste Radioactive material, low specific activity (LSA-II), 7, Np-237, Pu-239, Th-230, U-234, Solid/Oxide, 4284 MBq, Fissile Excepted			1		DM	170	K	D004	
RC	4. UN3321, Waste Radioactive material, low specific activity (LSA-II), 7, (D004, D009), Am-241, Tc-99, Th-230, U-234, Solid/Oxide, 8 MBq, Fissile Excepted			1		DM	13	K	D004 D009 F039	
14. Special Handling Instructions and Additional Information <b>Truck: 1287 Van: 812 TID: 1085495 Accumulation Start Date: 10/25/12 PCB Start Date: 05/01/13 ERG # 162 In the event of an RQ Release, call 1-800-424-8802 If undeliverable, return to generator Exclusive Use Shipment, See PCB Attachment for Additional Info Shipment ID: ETPP-13-241</b>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offereor's Printed/Typed Name <b>Lachelle Telfair on behalf of the US DOE</b>								Signature <i>Lachelle Telfair</i>		Month Day Year <b>10 10 13</b>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>JEREMY GATHS</b> Signature <i>Jeremy Gaths</i> Month Day Year <b>10 10 13</b> Transporter 2 Printed/Typed Name _____ Signature _____ Month Day Year _____										
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: <b>ORA</b> U.S. EPA ID Number _____										
18b. Alternate Facility (or Generator) Facility's Phone: _____ U.S. EPA ID Number _____										
18c. Signature of Alternate Facility (or Generator) Month Day Year _____										
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1. <b>H111</b>		2. <b>H111</b>		3. <b>H111</b>		4. <b>H112</b>				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18b Printed/Typed Name <b>Carrie Clark</b> Signature <i>Carrie Clark</i> Month Day Year <b>10 11 13</b>										

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number KY 8890008982	22. Page 2	23. Manifest Tracking Number 006841664JJK					
24. Generator's Name <b>U.S. DOE c/o LATA Kentucky, LLC</b> <b>761 Veterans Avenue, Kevil, KY 42053</b>									
25. Transporter <i>JE</i> Company Name <b>CAST Transportation</b>				U.S. EPA ID Number <b>COR000005389</b>					
26. Transporter _____ Company Name				U.S. EPA ID Number					
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes			
		No.	Type			F001	F002	U228	
X	UN3321, Waste Radioactive material, low specific activity (LSA-II), 7, Am-241, Tc-99, Th-230, U-234, Solid/Oxide, 24 MBq, Fissile Excepted	1	DM	4	K				
RQ	UN3321, Waste Radioactive material, low specific activity (LSA-II), 7, (D007), Np-237, Tc-99, Th-230, Solid/Oxide, 2632 MBq, Fissile Excepted <i>liquid</i>	2	DF	392	K	D007			
RQ	UN3321, Waste Radioactive material, low specific activity (LSA-II), 7, (D007), Np-237, Tc-99, Th-230, Solid/Oxide, 3807 MBq, Fissile Excepted <i>liquid</i>	3	DM	567	K	D007			
RQ	UN3321, Waste Radioactive material, low specific activity (LSA-II), 7, (PCB), Am-241, Np-237, Pu-239, Tc-99, Solid/Oxide, 9 MBq, Fissile Excepted	1	DM	1	K	F005			
X	UN3321, Waste Radioactive material, low specific activity (LSA-II), 7, (PCB, D011), Am-241, Np-237, Pu-239, Tc-99, Solid/Oxide,	1	DM	9	K	D006	D007	D008	
RQ	UN3321, Waste Radioactive material, low specific activity (LSA-II), 7, (PCB), Am-241, Np-237, Pu-239, Tc-99, Solid/Oxide, 199 MBq, Fissile Excepted	1	DM	10	K	F001	F002	F004	
RQ	UN3321, Waste Radioactive material, low specific activity (LSA-II), 7, (PCB), Am-241, Np-237, Pu-239, Tc-99, Solid/Oxide, 85 MBq, Fissile Excepted	1	DM	4	K	D006	D007	D008	
32. Special Handling Instructions and Additional Information <b>Truck 1267 Van 512 TID: 1085495 Accumulation Start Date: 10/12/05 PCB Start Date: 10/12/05</b> <b>ERG # 162 In the event of an RQ Release, call 1-800-424-8802</b> <b>Exclusive Use Shipment, See PCB Attachment for Additional Info</b> <b>If undeliverable, return to generator Shipment ID: ETPP-13-241</b>									
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name: <b>SEANEY GATES</b> Signature: <i>Seaney Gates</i> Month: <b>10</b> Day: <b>10</b> Year: <b>13</b>									
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____									
35. Discrepancy									
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
<i>H112</i>		<i>H111</i>		<i>H111</i>		<i>H141</i>		<i>H141</i>	
<i>H112</i>		<i>H141</i>							

Manifest Number: 006841664JJK

Shipment ID Number: ETPP-13-241

Shipment Date: 10/10/2013

UHWL Section	RFP	Container / WASTE ID	Barcode	Description	PCB Date to Storage	Accumulator Storage Date	NET VOLUME (lit)	GROSS WT (lb)	Gross WT (kg)	Activity MBq	
9b.1	109532	109532-01 ✓	PAD12C16484	DEBRIS MATERIAL FROM DUST COLLECTION SYSTEM IN ZONE 26	N/A	10/25/12	6.5	400	181.44	3931	
9b.2	109597	109597-02 ✓	PAD12C16510	DEBRIS FROM CLEANUP TOWER REACTOR - ZONE 22	N/A	09/23/13	6	512	232.24	5249	
9b.2	118028	118028-01 ✓	PAD12C16515	VACUUM PIPE DEBRIS / RESIDUE	N/A	09/23/13	10.5	782	354.71	7485	
9b.2	118087	118087-01 ✓	PAD13C18419	BAGS OF LIGHT GREEN DEBRIS / RESIDUE (POTENTIAL UF-4)	N/A	09/23/13	5.5	446	202.30	4472	
9b.2	118151	118151-01 ✓	PAD13C18960	VAC PIPE RESIDUE AND DEBRIS	N/A	09/23/13	7	416	188.69	4119	
9b.2	118152	118152-01 ✓	PAD13C18814	RESIDUE / DEBRIS	N/A	09/24/13	7	400	181.44	3931	
9b.2	119209	119209-01 ✓	PAD13C18692	VACUUM DEBRIS FROM VACUUM PIPING SYSTEM AT C-410	N/A	09/23/13	6.5	644	292.11	6802	
9b.3	119132	119132-01 ✓	PAD13C18682	ELECTROLYTE / VACUUM BAGS	N/A	09/24/13	5.5	430	195.04	4284	
9b.4	115897	115897-01 ✓	PAD13C18687	RCRAMIXED SAMPLE RETURNS FROM SW/RI	N/A	05/01/13	3	58	26.31	8	
27b.1	118518	118518-01 ✓	PAD13C18611	RCRA LAB SOLIDS (FILTER PAPER, PH STRIPS, PAPER, GLOVES).	N/A	02/05/13	0.87	14	6.35	24	
27b.2	109558	109558-01 ✓	PAD12C16636	SPENT SODIUM CARBONATE SOLUTION	N/A	05/31/13	7	513	232.69	1480	
27b.2	109558	109558-02 ✓	PAD12C16637	SPENT SODIUM CARBONATE SOLUTION	N/A	05/31/13	7	405	183.70	1151	
27b.3	118049	118049-01 ✓	PAD12C166824	SODIUM CARBONATE SOLUTION FROM ASH RECEIVERS, ZONE 22	N/A	01/23/13	6	384	174.18	999	
27b.3	118049	118049-02 ✓	PAD12C166833	SODIUM CARBONATE SOLUTION FROM ASH RECEIVERS, ZONE 22	N/A	01/23/13	6	570	258.56	1566	
27b.3	118049	118049-03 ✓	PAD12C16863	SODIUM CARBONATE SOLUTION FROM ASH RECEIVERS, ZONE 22	N/A	01/23/13	4.5	464	210.47	1243	
27b.4	115808	115808-01 ✓	PAD13C18610	F005 (TOLUENE) AND PCB CONTAMINATED PAPER TOWELS GENERATED DURING CLEANUP OF SPILL OF SOLVENT/OIL MIXTURE (SEE COMMENTS ON LOGSHEET). NO FREE LIQUIDS PRESENT. TOLUENE USED DURING ANALYSIS OF TRANSFORMER OILS. VERY SMALL VOLUME OF WASTE PRESENT IN DRUM.	10/19/12	02/05/13	0.87	6	2.72	9	
27b.5	115811	115811-01 ✓	PAD13C18627	SOLID RESIDUALS / UNUSED SAMPLE PORTIONS FROM VARIOUS DOE PROJECTS. 28 BOTTLES TOTAL (SEE ATTACHED LOGSHEET). PCB'S AND RCRA METALS ARE PRESENT	05/07/13	05/17/13	0.87	24	10.89	190	
27b.6	119373	119373-01 ✓	PAD13C18609	RCRA LAB SOLIDS	10/12/05	10/12/05	0.67	26	11.79	199	
27b.7	115889	115889-01 ✓	PAD13C18674	RCRAMIXED SAMPLE RETURNS FROM SW/RI	05/01/13	05/01/13	0.87	14	6.35	85	
Totals							19	91.35	6508	2951.96	47218

Equal Employment Opportunity, as provisions of the Executive Order 11246, as amended by Executive Order 11375, and of the rules, regulations, and relevant orders of the Secretary of Labor are incorporated herein.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>KY 8890008982</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>1-270-441-6211</b>	4. Manifest Tracking Number <b>006841665 JJK</b>			
5. Generator's Name and Mailing Address <b>U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevil, KY 42053</b>				Generator's Site Address (if different than mailing address) <b>U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevil, KY 42053</b>				
Generator's Phone: <b>1-270-441-5000</b>				U.S. EPA ID Number <b>COR000005389</b>				
6. Transporter 1 Company Name <b>Cast Transportation</b>				U.S. EPA ID Number				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>National Security Technologies, LLC (NSTec) for the US DOE, National Nuclear Security Administration, Waste Management, Nevada National Security Site- Zone 2, Mercury, NV 89023</b>				U.S. EPA ID Number <b>NV3890090001</b>				
Facility's Phone: <b>1-702-295-9393</b>								
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
1.	<b>UN 2912, Radioactive material, low specific activity (LSA-I), 7 (PCB), Tc-99, U-234, U-235, U-238, Solid/Oxide, 34 MBq, Fissile Exempted</b>			1	CM	1004	K	
2.								
3.								
4.								
14. Special Handling Instructions and Additional Information <b>Truck: 1289 Trailer: OTR4 ERG # 162 If delayed in Transit Notify: LaChelle Telfair 270-816-4157 Exclusive Use Shipment, See PCB Attachment for Additional Info</b>								
						<b>PCB Date to Storage: 02/17/11 If undeliverable, return to generator Shipment ID: PDL14009</b>		
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offeror's Printed/Typed Name <i>LaChelle Telfair on behalf of the US DOE</i>				Signature <i>LaChelle Telfair</i>		Month Day Year <i>11   18   13</i>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <i>ERIC NICHOLSEN</i>				Signature <i>Eric NicholSEN</i>		Month Day Year <i>11   18   13</i>		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)						Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. <i>H132</i>		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name <i>Paris Antolka</i>				Signature <i>Paris Antolka</i>		Month Day Year <i>11   21   13</i>		

PCB and Additional Information Attachment, Page 2 of 2

Shipment ID Number: PDL14009

Manifest Number: 006841665JJK

Shipment Date: 11/18/2013

UN/NA Entry	Container/ WASTE ID	Container Serial Number	HAZUS Barcode Number	Description	Maximum PCB Concentration	PCB Date to Storage	NET VOLUME (L)	NET WT (KG)	GROSS WT (LB)	Gross Wt (Kg)	Activity MBq	TD Numbers	Lot Numbers
-------------	------------------------	-------------------------	----------------------	-------------	---------------------------	---------------------	----------------	-------------	---------------	---------------	--------------	------------	-------------

9.D.1.	109954-01	LOT 10 SN 227	DND153	PCB Remediation Waste	> 500 ppm	2/17/2011	61	1004.25	2948	1337.18	3.35E+01	039227,	N/A
--------	-----------	---------------	--------	-----------------------	-----------	-----------	----	---------	------	---------	----------	---------	-----

Totals												
1												
41												
1004.25												
2948												
1337.18												
3.35E+01												

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## 6. PCB WASTE CERTIFICATES OF DISPOSAL

Certificates of Disposal (CDs) that have been received by the facility during the calendar year for PCB wastes disposed are Annual Records required by 40 *CFR* § 761.180(a)(1)(ii). Thirty-nine CDs were received in 2013 from the following facilities:

- Chemical Waste Management, Inc., facility in Emelle, Alabama;
- NNSS (formerly NTS) facility in Mercury, Nevada;
- Energy*Solutions* disposal facility in Clive, Utah;
- DSSI/Perma-Fix facility in Kingston, Tennessee;
- Clean Harbors Deer Park, LLC, facility in La Porte, Texas;
- Clean Harbors PPM, LLC, facility in Coffeyville, Kansas.

Table 6.1 lists the UHWM number, disposal facility, date disposed, number of PCB containers/items disposed, and weight in kilograms of PCBs items shipped. The weights listed in the table were obtained from the UHWMs.

The CDs on the following pages are presented in order by UHWM number. If the CD received in 2013 was for waste shipped in 2013, the manifest will be found in Section 5, PCB Waste Manifests.

**Table 6.1. PCB Waste Certificates of Disposal Summary**

<b>UHWM #</b>	<b>Date Removed from Service</b>	<b>Actual Ship Date</b>	<b>Disposer</b>	<b>Containers Disposed</b>	<b>Net Weight (kg)</b>	<b>Date of Disposed</b>	<b>Date CD Received</b>
001866653GBF-1	2/7/2012	7/19/2012	CWM, Emelle, AL	5	11,943	1/21/2013 1/25/2013	2/1/2013
006841607JJK	8/7/2011	8/31/2012	DSSI-Perma-Fix, Oak Ridge, TN	7	735	11/8/2012 2/27/2013	3/11/2013 3/11/2013
006841610JJK	5/20/2003	9/28/2012	EnergySolutions, Clive, UT	6	390	12/21/2012	2/22/2013
006841611JJK	12/18/2002	9/28/2012	EnergySolutions, Clive, UT	3	154	9501-02-0010 disposed of on 12/11/2012 9501-15-0005 disposed of on 4/23/2013	7/31/2013
006841620JJK	11/7/2011	11/16/2012	EnergySolutions, Clive, UT	1	1,814	12/20/2012	2/22/2013
006841653JJK	8/17/2011 8/16/2012	5/16/2013	EnergySolutions, Clive, UT	12	1,216	9/21/2013 9/12/2013	10/1/2013
006841625JJK	11/15/2012	7/18/2013	EnergySolutions, Clive, UT	1	52,309	8/9/2013	8/28/2013
006841626JJK	11/16/2012	7/18/2013	EnergySolutions, Clive, UT	1	48,971	8/9/2013	8/28/2013
006841627JJK	11/20/2012	7/18/2013	EnergySolutions, Clive, UT	1	65,518	8/13/2013	8/28/2013
006841628JJK	11/15/2012	7/18/2013	EnergySolutions, Clive, UT	1	58,406	8/12/2013	8/28/2013
006841629JJK	12/3/2012	7/18/2013	EnergySolutions, Clive, UT	1	49,796	8/12/2013	8/28/2013
006841630JJK	12/7/2012	7/18/2013	EnergySolutions, Clive, UT	1	57,834	8/12/2013	8/28/2013
006841631JJK	12/6/2012	7/18/2013	EnergySolutions, Clive, UT	1	60,066	8/9/2013	8/28/2013
006841632JJK	12/11/2012	7/18/2013	EnergySolutions, Clive, UT	1	53,498	8/9/2013	8/28/2013
006841633JJK	12/13/2012	7/18/2013	EnergySolutions, Clive, UT	1	46,521	8/12/2013	8/28/2013
006841634JJK	12/14/2012	7/18/2013	EnergySolutions, Clive, UT	1	47,737	8/13/2013	8/28/2013
006841635JJK	12/14/2012	7/18/2013	EnergySolutions, Clive, UT	1	45,968	8/13/2013	8/28/2013
006841636JJK	12/19/2012	7/18/2013	EnergySolutions, Clive, UT	1	64,520	8/13/2013	8/28/2013
006841637JJK	1/4/2013	7/18/2013	EnergySolutions, Clive, UT	1	45,659	8/13/2013	8/28/2013
006841638JJK	1/7/2013	7/18/2013	EnergySolutions, Clive, UT	1	47,819	8/13/2013	8/28/2013

**Table 6.1. PCB Waste Certificates of Disposal Summary (Continued)**

<b>UHWM #</b>	<b>Date Removed From Service</b>	<b>Actual Ship Date</b>	<b>Disposer</b>	<b>Containers Disposed</b>	<b>Net Weight (kg)</b>	<b>Date of Disposed</b>	<b>Date CD Received</b>
006841639JJK	1/9/2013	7/18/2013	EnergySolutions, Clive, UT	1	49,061	8/13/2013	8/28/2013
006841640JJK	1/11/2013	7/18/2013	EnergySolutions, Clive, UT	1	72,404	8/13/2013	8/28/2013
006841641JJK	1/11/2013	7/18/2013	EnergySolutions, Clive, UT	1	60,048	8/13/2013	8/28/2013
006841642JJK	1/14/2013	7/18/2013	EnergySolutions, Clive, UT	1	57,335	8/13/2013	8/28/2013
006841643JJK	2/13/2013	7/18/2013	EnergySolutions, Clive, UT	1	86,810	8/15/2013	8/28/2013
006841644JJK	2/14/2013	7/18/2013	EnergySolutions, Clive, UT	1	82,682	8/15/2013	8/28/2013
006841645JJK	2/20/2013	7/18/2013	EnergySolutions, Clive, UT	1	78,210	8/13/2013	8/28/2013
006841646JJK	2/19/2013	7/18/2013	EnergySolutions, Clive, UT	1	74,073	8/15/2013	8/28/2013
006841647JJK	2/26/2013	7/18/2013	EnergySolutions, Clive, UT	1	64,230	8/16/2013	8/28/2013
006841648JJK	2/26/2013	7/18/2013	EnergySolutions, Clive, UT	1	71,623	8/15/2013	8/28/2013
006841649JJK	3/19/2013	7/18/2013	EnergySolutions, Clive, UT	1	70,607	8/16/2013	8/28/2013
006841650JJK	3/15/2013	7/18/2013	EnergySolutions, Clive, UT	1	74,418	8/13/2013	8/28/2013
006841651JJK	3/22/2013	7/18/2013	EnergySolutions, Clive, UT	1	81,122	8/13/2013	8/28/2013
006841652JJK	3/22/2013	7/18/2013	EnergySolutions, Clive, UT	1	78,382	8/16/2013	8/28/2013
006841659JJK	12/19/2012	7/26/2013	EnergySolutions, Clive, UT	2	7,720	8/23/2013	10/1/2013
006894418FLE	5/23/2013	8/16/2013	Clean Harbors, Coffeyville, KS	1	139	11/22/2013	12/10/2013
006894419FLE	9/20/2012	8/16/2013	Clean Harbors-Deer Park, La Porte, TX	5	42	10/1/2013	10/23/2013
006841658JJK	11/16/2011	8/19/2013	NNSS, Mercury, NV	3	3,642	8/22/2013	8/28/2013
006841665JJK	2/17/2011	11/18/2013	NNSS, Mercury, NV	1	1,004	11/21/2013	11/21/2013
39				74	1,774,425		

# WM

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

Manifest Document Number:

### Site Information

TOXCO MATERIAL MANAGEMENT CNTR  
109 FLINT RD

TOXCO MATERIAL MANAGEMENT CNTR  
109 FLINT RD

OAK RIDGE, TN 37830-7033

OAK RIDGE, TN 37830-7033

### CONFIRMATION OF DESTRUCTION

Chemical Waste Management, Inc. (ALD000622464) has received PCB material from:  
TOXCO MATERIAL MANAGEMENT CNTR

as described on Hazardous Waste Manifest Number 001866653GBF-1

This material was transhipped to a CWM approved facility for disposal. Chemical Waste Management, Inc. received confirmation that the PCB material was disposed of on the dates shown below, in compliance with State and Federal Regulations.



Al Talbott, Safety Manager

January 30, 2013

OSD	Unique ID	Profile	Container Part Disposal Dates				Container Disposal Date
			Solids	Liquid	Carcass	Flush	
2/7/12	004	AL400834					1/25/13
2/7/12	003	AL400834	1/21/13				1/21/13
2/7/12	005	AL400834	1/21/13				1/21/13
2/7/12	002	AL400834	1/21/13				1/21/13
2/7/12	006	AL400834	1/21/13				1/21/13





657 Gallaher Road  
Kinston, TN 37763

EPA ID# TND98210914

COD Number: TS2012071

## Certificate of Disposal

Diversified Scientific Services, Inc. of Kingston, TN is providing this certificate to confirm the disposal of TSCA Regulated PCB waste by Alternate Thermal Treatment (40CFR 761.60(e)).

Hereby certifies such destruction on: 11/8/2012

Attached list of containers from Shipment Number DSSI-12-098

Shipped on Hazardous Waste Manifest Number 006841607JJK

Generator Name US Department of Energy - Paducah

EPA ID No. KY8890008982

Address 5600 Hobbs Road MS-7431

City, State, Zip

Paducah KY 42001-

Contact

LaChelle Telfair

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U. S. C. 1001 and 15 U. S. C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as a company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

RECEIVED  
MAR 11 2013  
*[Signature]*

By: Dawn Garrett

Title: Waste Tracking Shipping

Signature: *[Signature]*

Certificate of Destruction  
 COD# TS2012071

ShipmentNumber	HazManifestNumber	WPSNumber	PackageNumber	ItemNumber	GeneratorCode	BurnCampaignNumber	DateBurnStop	WasteCode	DateReceived
DSSI-12-098	006841607JJK	12-08-004	64189	109691-01	KYUS01	12-027	08-Nov-12	Bulk Liquid - PCBs	31-Aug-12
DSSI-12-098	006841607JJK	12-08-004	64190	109691-02	KYUS01	12-027	08-Nov-12	Bulk Liquid - PCBs	31-Aug-12
DSSI-12-098	006841607JJK	12-08-004	64191	109691-03	KYUS01	12-027	08-Nov-12	Bulk Liquid - PCBs	31-Aug-12

RECEIVED  
 MAR 11 2013  
*AKA*



657 Gallaher Road  
Kinston, TN 37763

EPA ID# TND98210914  
COD Number: TS2013018

# Certificate of Disposal

Diversified Scientific Services, Inc. of Kingston, TN is providing this certificate to confirm the disposal of TSCA Regulated PCB waste by Alternate Thermal Treatment (40CFR 761.60(e)).

Hereby certifies such destruction on: 2/27/2013

Attached list of containers from Shipment Number DSSI-12-098

Shipped on Hazardous Waste Manifest Number 006841607JJK

Generator Name US Department of Energy - Paducah

EPA ID No. KY8890008982

Address 5600 Hobbs Road MS-7431

City, State, Zip Paducah KY 42001-

Contact LaChelle Telfair

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U. S. C. 1001 and 15 U. S. C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as a company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.



By: Dawn Garrett

Title: Waste Tracking Shipping

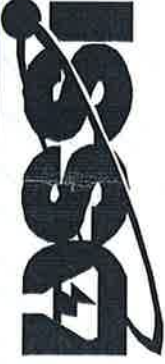
Signature: *Dawn Garrett*

Certificate of Management  
COM# TS2013018

ShipmentNumber	HazManifestNumber	WPSNumber	Package	ItemNumber	GeneratorCode	BurnCampaignNumber	DateBurnStop	WasteCode	DateReceived
DSSI-12-098	006841607JJK	12-08-005	64192	109208-01	KYUS01	13-002	27-Feb-13	Bulk Liquid - PCB Labpack	31-Aug-12
DSSI-12-098	006841607JJK	12-08-005	64193	109208-02	KYUS01	13-002	27-Feb-13	Bulk Liquid - PCB Labpack	31-Aug-12
DSSI-12-098	006841607JJK	12-08-005	64194	109208-03	KYUS01	13-002	27-Feb-13	Bulk Liquid - PCB Labpack	31-Aug-12
DSSI-12-098	006841607JJK	12-08-006	64195	109216-01	KYUS01	13-002	27-Feb-13	Bulk Liquid - PCB Labpack	31-Aug-12

RECEIVED  
MAR 1 2013  
BY: *[Signature]*





657 Gallaher Road  
Kinston, TN 37763

EPA ID# TND98210914

COD Number: TS2013018

## Certificate of Disposal

Diversified Scientific Services, Inc. of Kingston, TN is providing this certificate to confirm the disposal of TSCA Regulated PCB waste by Alternate Thermal Treatment (40CFR 761.60(e)).

Hereby certifies such destruction on: 2/27/2013

Attached list of containers from Shipment Number DSSI-12-098

Shipped on Hazardous Waste Manifest Number 006841607JJK

Generator Name US Department of Energy - Paducah  
EPA ID No. KY8890008982

Address 5600 Hobbs Road MS-7431

City, State, Zip Paducah KY 42001-  
Contact LaChelle Telfair

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U. S. C. 1001 and 15 U. S. C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as a company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

RECEIVED  
MAR 18 2013  
BvdH

By: Dawn Garrett

Title: Waste Tracking Shipping

Signature:

Certificate of Management  
COM# TS2013018

ShipmentNumber	HazManifestNumber	WPSNumber	Package	ItemNumber	GeneratorCode	BurnCampaignNumber	DateBurnStop	WasteCode	DateReceived
DSSI-12-098	006841607JJK	12-08-005	64192	109208-01	KYUS01	13-002	27-Feb-13	Bulk Liquid - PCB Labpack	31-Aug-12
DSSI-12-098	006841607JJK	12-08-005	64193	109208-02	KYUS01	13-002	27-Feb-13	Bulk Liquid - PCB Labpack	31-Aug-12
DSSI-12-098	006841607JJK	12-08-005	64194	109208-03	KYUS01	13-002	27-Feb-13	Bulk Liquid - PCB Labpack	31-Aug-12
DSSI-12-098	006841607JJK	12-08-006	64195	109216-01	KYUS01	13-002	27-Feb-13	Bulk Liquid - PCB Labpack	31-Aug-12

CERTIFICATE OF DISPOSAL

3 miles South, Exit 49, I-80  
Clive, Utah 84029  
EPA ID: UT982598898

DOE, PGDP/Paducah,

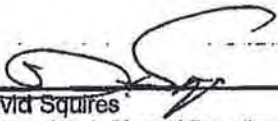
This certificate acknowledges that the following manifested shipments have been disposed of as listed below:

Shipment	Manifest	Disposal Date	Volume (Cu/Ft)	Process	Disposal Location
6228-15-0018	41610	12/21/2012	31.3	Landfill	Mixed Waste
6228-15-0019	41620	12/20/2012	96.0	Landfill	Mixed Waste



The total volume above represents the cubic feet of waste disposed of at EnergySolutions' Disposal Facility Landfill. Disposal is subject to EnergySolutions' Radioactive Material License, all other applicable licenses, permits and regulations, and the Disposal Agreement.

*Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2815) I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identification section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.*

  
\_\_\_\_\_  
David Squires  
Manager Waste Disposal Operations

1/8/13  
Date


CERTIFICATE OF DISPOSAL

3 miles South, Exit 49, I-80  
Clive, Utah 84029  
EPA ID: UTD982598898

DOE, Paducah, Paducah

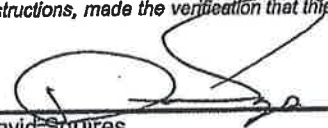
This certificate acknowledges that the following manifested shipments have been disposed of as listed below:

<u>Shipment</u>	<u>Manifest</u>	<u>Disposal Date</u>	<u>Volume (Cu/Ft)</u>	<u>Process</u>	<u>Disposal Location</u>
9501-02-0010	41611	12/11/2012	15.0	Landfill	Mixed Waste

RECEIVED  
JUL 31 2013  
BY: 

The total volume above represents the cubic feet of waste disposed of at EnergySolutions' Disposal Facility Landfill. Disposal is subject to EnergySolutions' Radioactive Material License, all other applicable licenses, permits and regulations, and the Disposal Agreement.

*Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identification section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.*

  
\_\_\_\_\_  
David Squires  
Manager Waste Disposal Operations

5/31/13  
\_\_\_\_\_  
Date


CERTIFICATE OF DISPOSAL

3 miles South, Exit 49, I-80  
Clive, Utah 84029  
EPA ID: UTD982598898

DOE, Paducah, Paducah

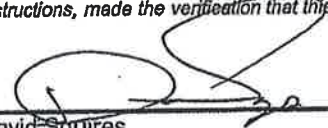
This certificate acknowledges that the following manifested shipments have been disposed of as listed below:

<u>Shipment</u>	<u>Manifest</u>	<u>Disposal Date</u>	<u>Volume (Cu/Ft)</u>	<u>Process</u>	<u>Disposal Location</u>
9501-02-0010	41611	12/11/2012	15.0	Landfill	Mixed Waste

RECEIVED  
JUL 31 2013  
BY: 

The total volume above represents the cubic feet of waste disposed of at EnergySolutions' Disposal Facility Landfill. Disposal is subject to EnergySolutions' Radioactive Material License, all other applicable licenses, permits and regulations, and the Disposal Agreement.

*Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identification section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.*

  
\_\_\_\_\_  
David Squires  
Manager Waste Disposal Operations

5/31/13  
\_\_\_\_\_  
Date

CERTIFICATE OF DISPOSAL

3 miles South, Exit 49, I-80  
Clive, Utah 84029  
EPA ID: UT982598898

DOE, PGDP/Paducah,

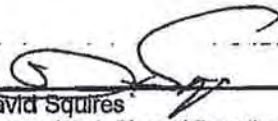
This certificate acknowledges that the following manifested shipments have been disposed of as listed below:

Shipment	Manifest	Disposal Date	Volume (Cu/Ft)	Process	Disposal Location
6228-15-0018	41610	12/21/2012	31.3	Landfill	Mixed Waste
6228-15-0019	41620	12/20/2012	96.0	Landfill	Mixed Waste



The total volume above represents the cubic feet of waste disposed of at EnergySolutions' Disposal Facility Landfill. Disposal is subject to EnergySolutions' Radioactive Material License, all other applicable licenses, permits and regulations, and the Disposal Agreement.

*Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identification section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.*

  
\_\_\_\_\_  
David Squires  
Manager Waste Disposal Operations

1/8/13  
Date

DIVERSIFIED SCIENTIFIC SERVICES, INC.



EPA ID # TND 98-210-9142  
TENNESSEE PERMIT #TNHW-102

Certificate No. 2013106

### Certificate of Management

Diversified Scientific Services, Inc. of Kingston, Tennessee has managed waste(s) received from USDOE- Paducah Remediation Services as identified in Hazardous Waste EPA ID Number KY8890008982 & the attached container list and hereby certifies such management as of Manifest Number 006841653JJK & the attached container list and hereby certifies such management as of 9/21/2013 in accordance with applicable Federal and State regulations.

Shipment Number: DSSI-13-044  
Generator: USDOE- Paducah Remediation Services  
Address: 5600 Hobbs Road MS-7431  
Paducah KY 42001

By: Dawn Garrett  
Title: Waste Tracking & Shipping

Signature: *Dawn Garrett*

Contact: Tim Stout  
Paducah KY 42001



Certificate of Management  
COM# 2013106

Shipper Number	Package Number	Date Received	State Code	Haz Manifest Number	WPS Number	Item Number	Waste Code	Default Volume	Weight	Volume
DSSI-13-044	65706	17-May-13	KYUS01	006841653JJK	13-05-011	115805-01	Bulk Liquid - Labpacks	5	14	1

RECEIVED  
OCT 01 2013  
BY: *AA*



DIVERSIFIED SCIENTIFIC SERVICES, INC.



EPA ID # TND 98-210-9142  
TENNESSEE PERMIT #TNHW-102

Certificate No. 2013094

### Certificate of Management

Diversified Scientific Services, Inc. of Kingston, Tennessee has managed waste(s) received from USDOE- Paducah Remediation Services as identified in Hazardous Waste EPA ID Number KY8890008982 & the attached container list and hereby certifies such management as of Manifest Number 006841653JJK in accordance with applicable Federal and State regulations. 9/12/2013

Shipment Number: DSSI-13-044

Generator: USDOE- Paducah Remediation Services  
Address: 5600 Hobbs Road MS-7431 Paducah KY 42001

By: Dawn Garrett  
Title: Waste Tracking & Shipping

Signature: *Dawn Garrett*

Contact: Tim Stout  
Paducah KY 42001



Certificate of Management  
COM# 2013094

Shipment Number	Generator Code	Date Received	Hazard Material Number	Package Number	Material Number	WPS Number	Bumcampan Number	Waste Code
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65705	115802-01	13-05-009	13-015	Bulk Liquid
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65707	109425-01	13-05-010	13-015	Bulk Liquid
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65711	109381-01	13-05-002	13-015	Bulk Liquid - Used Oil
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65712	119405-01	13-05-002	13-015	Bulk Liquid - Used Oil
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65713	119405-02	13-05-002	13-015	Bulk Liquid - Used Oil
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65714	109599-01	13-05-002	13-015	Bulk Liquid - Used Oil
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65715	119393-01	13-05-002	13-015	Bulk Liquid - Used Oil
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65716	109579-01	13-05-012	13-015	Bulk Liquid

RECEIVED  
OCT 01 2013  
JAA  
BW



657 Gallaher Road  
Kinston, TN 37763

EPA ID# TND98210914  
COD Number: TS2013040

## Certificate of Disposal

Diversified Scientific Services, Inc. of Kingston, TN is providing this certificate to confirm the disposal of TSCA Regulated PCB waste by Alternate Thermal Treatment (40CFR 761.60(e)).

Hereby certifies such destruction on: 9/12/2013

Attached list of containers from Shipment Number DSSI-13-044

Shipped on Hazardous Waste Manifest Number 006841653JJK

Generator Name US Department of Energy - Paducah  
EPA ID No. KY8890008982  
Address 5600 Hobbs Road MS-7431

City, State, Zip Paducah KY 42001-  
Contact LaChelle Telfair

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U. S. C. 1001 and 15 U. S. C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as a company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

By: Dawn Garrett

Title: Waste Tracking Shipping

Signature: *Dawn Garrett*

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OCT 01 2013  
*AT*

Certificate of Destruction  
COM# TS2013040

ISIRI Number	Manifest Number	WPS Number	Package Number	Item Number	Container Code	Item Campaign Number	Deled By/Stop	Waste Code	Date Received
DSSI-13-044	006841653JJK	13-05-003	65708	109694-01	KYUS01	13-015	12-Sep-13	Bulk Liquid - PCBs	17-May-13
DSSI-13-044	006841653JJK	13-05-003	65709	109694-02	KYUS01	13-015	12-Sep-13	Bulk Liquid - PCBs	17-May-13
DSSI-13-044	006841653JJK	13-05-004	65710	109589-01	KYUS01	13-015	12-Sep-13	Bulk Liquid - PCBs	17-May-13

RECEIVED  
OCT 01 2013  
BY: *AAA*

## Hugen, Alisa Lyn (EYA)

---

**From:** Hugen, Alisa Lyn (EYA)  
**Sent:** Thursday, October 10, 2013 8:45 AM  
**To:** Dawn Garrett (dawngarrett@perma-fix.com)  
**Cc:** jnorman@perma-fix.com; Telfair, LaChelle (LT1)  
**Subject:** FW: Perma-Fix 735676  
**Attachments:** PERMA-FIX 735676.pdf

Dawn,

On October 1, 2013 we received the attached invoice with COMs and CODs, however when we received the originals in the mail, COM 2013106 was not included. Can you check on this and let me know if it is on the way?

Thank you,

*Alisa*



---

**From:** Hatton, Amanda  
**Sent:** Monday, September 30, 2013 8:20 AM  
**To:** Hugen, Alisa Lyn (EYA)  
**Cc:** Adams, Diane (AS3)  
**Subject:** Perma-Fix 735676

Alisa-

Please review the attached invoice and reply with your approval/rejection of costs plus a breakdown of charges by project code by COB Tuesday, October 1st.

Thanks,

Amanda Hatton  
Accounts Payable Subcontract Specialist  
LATA Kentucky  
[Amanda.Hatton@lataky.com](mailto:Amanda.Hatton@lataky.com)  
Phone: 270-441-5441

EPA ID# TND98210914

COD Number: TS2013040



657 Gallaher Road  
Kinston, TN 37763

## Certificate of Disposal

Diversified Scientific Services, Inc. of Kingston, TN is providing this certificate to confirm the disposal of TSCA Regulated PCB waste by Alternate Thermal Treatment (40CFR 761.60(e)).

Hereby certifies such destruction on: 9/12/2013

Attached list of containers from Shipment Number DSSI-13-044

Shipped on Hazardous Waste Manifest Number 006841653JJK

Generator Name US Department of Energy - Paducah  
EPA ID No. KY8890008982

Address 5600 Hobbs Road MS-7431

City, State, Zip Paducah KY 42001-  
Contact LaChelle Telfair

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RECEIVED  
OCT 07 2013  
DSS via us  
Postal Service

By: Dawn Garrett

Title: Waste Tracking Shipping

Signature:

Certificate of Destruction  
COM# TS2013040

ShipmentNumber	HazManifestNumber	WPSNumber	PackageNumber	ItemNumber	GeneratorCode	BurnCampaignNumber	DateBurnStop	WasteCode	DateReceived
DSSI-13-044	006841653JJK	13-05-003	65708	109694-01	KYUS01	13-015	12-Sep-13	Bulk Liquid - PCBs	17-May-13
DSSI-13-044	006841653JJK	13-05-003	65709	109694-02	KYUS01	13-015	12-Sep-13	Bulk Liquid - PCBs	17-May-13
DSSI-13-044	006841653JJK	13-05-004	65710	109589-01	KYUS01	13-015	12-Sep-13	Bulk Liquid - PCBs	17-May-13

RECEIVED  
OCT 07 2013  
*W. K. Smith*  
rec'd via  
US Postal Service



Diversified Scientific Services, Inc.

657 Gallaher Road Kingston, TN 37763

September 19, 2013

USDOE- Paducah Remediation Services  
5600 Hobbs Road MS-7431  
Paducah, KY 42001

Attention: Tim Stout

Subject: Certificate of Management - Diversified Scientific Services, Inc.  
Manifest Number: 006841653JJK & the attached container list  
Shipment Number: DSSI-13-044

Please find enclosed, Certificate(s) of Management for your waste which has been in storage at DSSI. Each certificate lists the manifest number under which the waste was shipped to DSSI and the date treatment of the waste was completed. The Hazardous Waste Manifest identifies the specific management method codes utilized for waste treatment. This certificate is verification that treatment has been made in full compliance with all applicable regulations.

DSSI appreciates the opportunity to serve your mixed waste treatment needs. If you have any questions or comments, please contact Dawn Garrett at 865-376-8747.

Sincerely,

  
Dawn Garrett  
Waste Tracking & Shipping





EPA ID # TND 98-210-9142  
TENNESSEE PERMIT #TNHW-102

Certificate No. 2013094

DIVERSIFIED SCIENTIFIC SERVICES, INC.



## Certificate of Management

Diversified Scientific Services, Inc. of Kingston, Tennessee has managed waste(s) received from USDOE- Paducah Remediation Services as identified in Hazardous Waste EPA ID Number KY8890008982 Manifest Number 006841653JJK & the attached container list and hereby certifies such management as of 9/12/2013 in accordance with applicable Federal and State regulations. Shipment Number: DSSI-13-044

Generator: USDOE- Paducah Remediation Services  
Address: 5600 Hobbs Road MS-7431  
Paducah KY 42001

By: Dawn Garrett  
Title: Waste Tracking & Shipping

Signature: 

Contact: Tim Stout  
Paducah KY 42001

RECEIVED  
OCT 07 2013  
BY: Alba rec'd via  
U.S. Postal Service

Certificate of Management  
COM# 2013094

ShipmentNumber	GeneratorCode	DateReceived	HazManifestNumber	PackageNumber	ItemNumber	WPSNumber	BurnCampaignNumber	WasteCode
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65705	115802-01	13-05-009	13-015	Bulk Liquid
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65707	109425-01	13-05-010	13-015	Bulk Liquid
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65711	109381-01	13-05-002	13-015	Bulk Liquid - Used Oil
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65712	119405-01	13-05-002	13-015	Bulk Liquid - Used Oil
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65713	119405-02	13-05-002	13-015	Bulk Liquid - Used Oil
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65714	109599-01	13-05-002	13-015	Bulk Liquid - Used Oil
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65715	119393-01	13-05-002	13-015	Bulk Liquid - Used Oil
DSSI-13-044	KYUS01	17-May-13	006841653JJK	65716	109579-01	13-05-012	13-015	Bulk Liquid

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OCT 07 2013  
BY DA rec'd wa  
US Postal  
Service



Diversified Scientific Services, Inc.

657 Gallaher Road Kingston, TN 37763

September 24, 2013

USDOE- Paducah Remediation Services  
5600 Hobbs Road MS-7431  
Paducah, KY 42001

Attention: Tim Stout

Subject: Certificate of Management - Diversified Scientific Services, Inc.  
Manifest Number: 006841653JJK & the attached container list  
Shipment Number: DSSI-13-044

Please find enclosed, Certificate(s) of Management for your waste which has been in storage at DSSI. Each certificate lists the manifest number under which the waste was shipped to DSSI and the date treatment of the waste was completed. The Hazardous Waste Manifest identifies the specific management method codes utilized for waste treatment. This certificate is verification that treatment has been made in full compliance with all applicable regulations.

DSSI appreciates the opportunity to serve your mixed waste treatment needs. If you have any questions or comments, please contact Dawn Garrett at 865-376-8747.

Sincerely,

Dawn Garrett  
Waste Tracking & Shipping

DIVERSIFIED SCIENTIFIC SERVICES, INC.



EPA ID # TND 98-210-9142  
TENNESSEE PERMIT #TNHW-102

Certificate No. 2013106

### Certificate of Management

Diversified Scientific Services, Inc. of Kingston, Tennessee has managed waste(s) received from USDOE- Paducah Remediation Services as identified in Hazardous Waste EPA ID Number KY8890008982 006841653JJK & the attached container list and hereby certifies such management as of Manifest Number 9/21/2013 in accordance with applicable Federal and State regulations.

Shipment Number: DSSI-13-044

Generator: USDOE- Paducah Remediation Services

Address: 5600 Hobbs Road MS-7431  
Paducah KY 42001

By: Dawn Garrett  
Title: Waste Tracking & Shipping

Signature: *Dawn Garrett*

Contact: Tim Stout  
Paducah KY 42001

RECEIVED  
OCT 18 2013  
By: *DA* rec'd  
Via Mail

**CERTIFICATE OF DISPOSAL**

3 miles South, Exit 49, I-80  
Clive, Utah 84029  
EPA ID: UTD982598898

**DOE, PGDP/Paducah,**

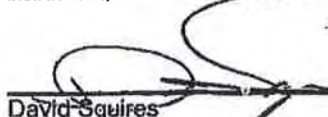
This certificate acknowledges that the following manifested shipments have been disposed of as listed below:

<u>Shipment</u>	<u>Manifest</u>	<u>Disposal Date</u>	<u>Volume (Cu/Ft)</u>	<u>Process</u>	<u>Disposal Location</u>
6228-15-0020	41625	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0021	41626	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0022	41627	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0023	41628	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0024	41629	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0025	41630	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0026	41631	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0027	41632	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0028	41633	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0029	41634	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0030	41635	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0031	41636	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0032	41637	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0033	41638	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0034	41639	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0035	41640	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0036	41641	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0037	41642	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0038	41643	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0039	41644	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0040	41645	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0041	41646	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0042	41647	08/16/2013	1,850.0	Landfill	Mixed Waste
6228-15-0043	41648	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0044	41649	08/16/2013	1,850.0	Landfill	Mixed Waste
6228-15-0045	41650	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0046	41651	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0047	41652	08/16/2013	1,850.0	Landfill	Mixed Waste



The total volume above represents the cubic feet of waste disposed of at EnergySolutions' Disposal Facility Landfill. Disposal is subject to EnergySolutions' Radioactive Material License, all other applicable licenses, permits and regulations, and the Disposal Agreement.

*Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identification section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.*

  
 David Squires  
 Manager Waste Disposal Operations

8/20/13  
 Date

**CERTIFICATE OF DISPOSAL**

3 miles South, Exit 49, I-80  
 Clive, Utah 84029  
 EPA ID: UTD982598898

**DOE, PGDP/Paducah,**

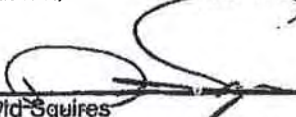
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6228-15-0024	41629	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0025	41630	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0026	41631	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0027	41632	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0028	41633	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0029	41634	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0030	41635	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0031	41636	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0032	41637	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0033	41638	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0034	41639	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0035	41640	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0036	41641	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0037	41642	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0038	41643	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0039	41644	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0040	41645	08/13/2013	1,850.0	Landfill	Mixed Waste
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6228-15-0043	41648	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0044	41649	08/16/2013	1,850.0	Landfill	Mixed Waste
6228-15-0045	41650	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0046	41651	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0047	41652	08/16/2013	1,850.0	Landfill	Mixed Waste



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 Manager Waste Disposal Operations

8/20/13  
 Date

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 EPA ID: UTD982598898

**DOE, PGDP/Paducah,**

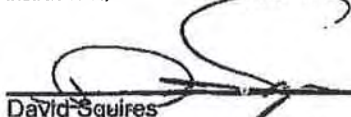
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6228-15-0025	41630	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0026	41631	08/09/2013	1,850.0	Landfill	Mixed Waste
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6228-15-0031	41636	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0032	41637	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0033	41638	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0034	41639	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0035	41640	08/13/2013	1,850.0	Landfill	Mixed Waste
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6228-15-0045	41650	08/13/2013	1,850.0	Landfill	Mixed Waste
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 David Squires  
 Manager Waste Disposal Operations

8/20/13  
 Date

**CERTIFICATE OF DISPOSAL**

3 miles South, Exit 49, I-80  
 Clive, Utah 84029  
 EPA ID: UTD982598898

**DOE, PGDP/Paducah,**

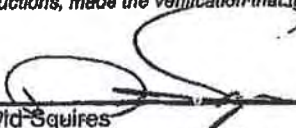
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6228-15-0024	41629	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0025	41630	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0026	41631	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0027	41632	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0028	41633	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0029	41634	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0030	41635	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0031	41636	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0032	41637	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0033	41638	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0034	41639	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0035	41640	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0036	41641	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0037	41642	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0038	41643	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0039	41644	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0040	41645	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0041	41646	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0042	41647	08/16/2013	1,850.0	Landfill	Mixed Waste
6228-15-0043	41648	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0044	41649	08/16/2013	1,850.0	Landfill	Mixed Waste
6228-15-0045	41650	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0046	41651	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0047	41652	08/16/2013	1,850.0	Landfill	Mixed Waste



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 Manager Waste Disposal Operations

8/20/13  
 Date



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3 miles South, Exit 49, I-80  
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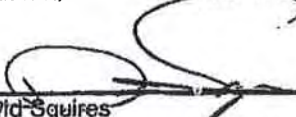
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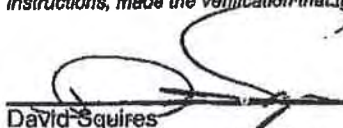
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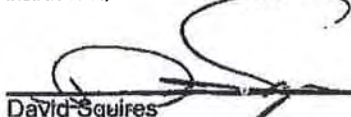
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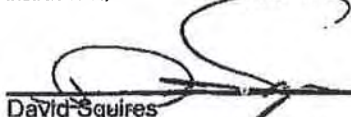
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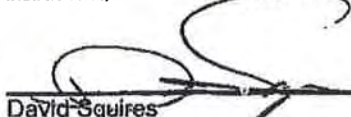
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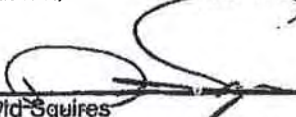
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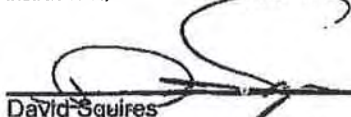
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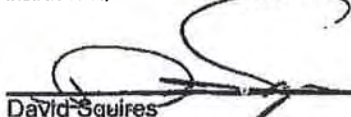
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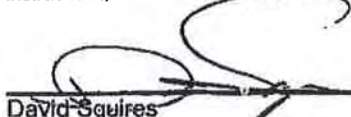
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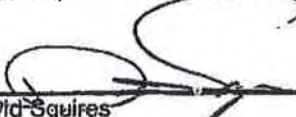
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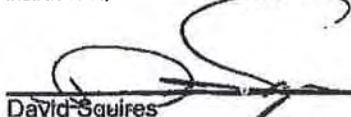
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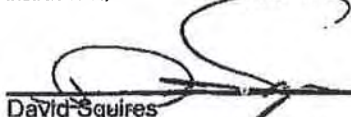
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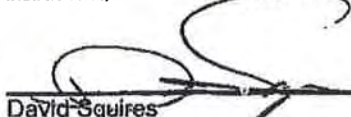
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6228-15-0045	41650	08/13/2013	1,850.0	Landfill	Mixed Waste
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6228-15-0047	41652	08/16/2013	1,850.0	Landfill	Mixed Waste



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 Manager Waste Disposal Operations

8/20/13  
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3 miles South, Exit 49, I-80  
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 EPA ID: UTD982598898

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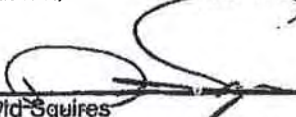
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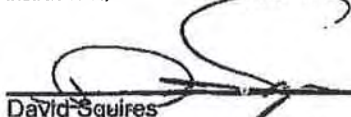
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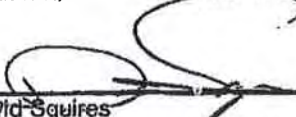
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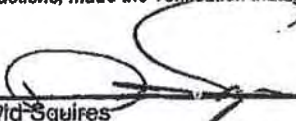
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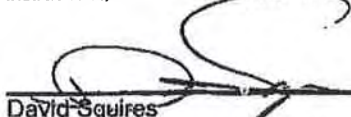
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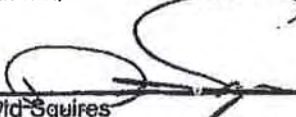
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6228-15-0045	41650	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0046	41651	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0047	41652	08/16/2013	1,850.0	Landfill	Mixed Waste



The total volume above represents the cubic feet of waste disposed of at EnergySolutions' Disposal Facility Landfill. Disposal is subject to EnergySolutions' Radioactive Material License, all other applicable licenses, permits and regulations, and the Disposal Agreement.

*Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true, accurate and complete. As to the identification section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate and complete.*

  
 David Squires  
 Manager Waste Disposal Operations

8/20/13  
 Date

**CERTIFICATE OF DISPOSAL**

3 miles South, Exit 49, I-80  
 Clive, Utah 84029  
 EPA ID: UTD982598898

**DOE, PGDP/Paducah,**

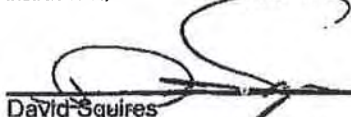
This certificate acknowledges that the following manifested shipments have been disposed of as listed below:

<u>Shipment</u>	<u>Manifest</u>	<u>Disposal Date</u>	<u>Volume (Cu/Ft)</u>	<u>Process</u>	<u>Disposal Location</u>
6228-15-0020	41625	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0021	41626	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0022	41627	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0023	41628	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0024	41629	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0025	41630	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0026	41631	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0027	41632	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0028	41633	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0029	41634	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0030	41635	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0031	41636	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0032	41637	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0033	41638	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0034	41639	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0035	41640	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0036	41641	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0037	41642	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0038	41643	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0039	41644	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0040	41645	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0041	41646	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0042	41647	08/16/2013	1,850.0	Landfill	Mixed Waste
6228-15-0043	41648	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0044	41649	08/16/2013	1,850.0	Landfill	Mixed Waste
6228-15-0045	41650	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0046	41651	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0047	41652	08/16/2013	1,850.0	Landfill	Mixed Waste



The total volume above represents the cubic feet of waste disposed of at EnergySolutions' Disposal Facility Landfill. Disposal is subject to EnergySolutions' Radioactive Material License, all other applicable licenses, permits and regulations, and the Disposal Agreement.

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 David Squires  
 Manager Waste Disposal Operations

8/20/13  
 Date

**CERTIFICATE OF DISPOSAL**

3 miles South, Exit 49, I-80  
 Clive, Utah 84029  
 EPA ID: UTD982598898

**DOE, PGDP/Paducah,**

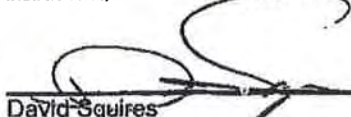
This certificate acknowledges that the following manifested shipments have been disposed of as listed below:

<u>Shipment</u>	<u>Manifest</u>	<u>Disposal Date</u>	<u>Volume (Cu/Ft)</u>	<u>Process</u>	<u>Disposal Location</u>
6228-15-0020	41625	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0021	41626	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0022	41627	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0023	41628	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0024	41629	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0025	41630	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0026	41631	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0027	41632	08/09/2013	1,850.0	Landfill	Mixed Waste
6228-15-0028	41633	08/12/2013	1,850.0	Landfill	Mixed Waste
6228-15-0029	41634	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0030	41635	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0031	41636	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0032	41637	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0033	41638	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0034	41639	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0035	41640	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0036	41641	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0037	41642	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0038	41643	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0039	41644	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0040	41645	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0041	41646	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0042	41647	08/16/2013	1,850.0	Landfill	Mixed Waste
6228-15-0043	41648	08/15/2013	1,850.0	Landfill	Mixed Waste
6228-15-0044	41649	08/16/2013	1,850.0	Landfill	Mixed Waste
6228-15-0045	41650	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0046	41651	08/13/2013	1,850.0	Landfill	Mixed Waste
6228-15-0047	41652	08/16/2013	1,850.0	Landfill	Mixed Waste



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 David Squires  
 Manager Waste Disposal Operations

8/20/13  
 Date



Clean Harbors PPM LLC  
 2474 Highway 169 North  
 Coffeyville KS, 67337  
 KSD981506025  
 (620) 251-6380

**CERTIFICATE OF DISPOSAL**

Generator Facility Name: US DOE c o LATA KY LLC  
 Generator Address: 761 Veterans Avenue  
 Kevil, KY, 42053  
 Generator Contact Name:

Sales Order#: DG7713546  
 Date Received: 9/11/2013

Generator EPA ID: KY8890008982

Load #: B65EU  
 Manifest #: 006894418FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
33171214	5/23/2013	DM	118355-01 / 118355-01	High Btu PCB Liquids For Incineration	11/22/2013	Incineration	Deer Park, TX Facility

Under Civil and Criminal Penalties of Law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Richard L. Bevans  
 Authorized Agent

Tuesday, December 03, 2013  
 Date

*AAA 12-10/13*  
 RECEIVED  
 DEC 9 2013  
 RECEIVED  
 DEC 10 2013  
*AK*

OCT 22 2013



Clean Harbors Deer Park, LLC  
2027 Independence Parkway South  
La Porte TX, 77571  
TXD055141378  
(281) 930-2300

**CERTIFICATE OF DISPOSAL**

Generator Facility Name: US DOE c o LATA KY LLC  
Generator Address: 761 Veterans Avenue  
Kevil, KY, 42053  
Generator Contact Name:

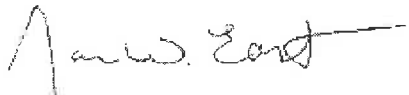
Sales Order#: DG7713546  
Date Received: 8/31/2013

Generator EPA ID: KY8890008982

Load #: 356087  
Manifest #: 006894419FLE

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
33204805	3/11/2013	DF	33204805 /	Labpack Mixed PCBs & Rcra Waste For Incineration	10/1/2013	Incineration	Deer Park, TX Facility
33204806	3/11/2013	DF	33204806 /	Labpack Mixed PCBs & Rcra Waste For Incineration	10/1/2013	Incineration	Deer Park, TX Facility
33204807	3/11/2013	DF	33204807 /	Labpack Mixed PCBs & Rcra Waste For Incineration	10/1/2013	Incineration	Deer Park, TX Facility
33204808	3/11/2013	DF	33204808 /	Labpack Mixed PCBs & Rcra Waste For Incineration	10/1/2013	Incineration	Deer Park, TX Facility
33204809	3/11/2013	DF	33204809 /	Labpack Mixed PCBs & Rcra Waste For Incineration	10/1/2013	Incineration	Deer Park, TX Facility

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\_\_\_\_\_  
Authorized Agent

Wednesday, October 16, 2013  
Date



**CERTIFICATE OF RECEIPT AND DISPOSAL**

<p>Consignor</p> <p>LATA Kentucky on behalf of US DOE 5600 Hobbs Road Kevil, KY 42053</p>	<p>Contact: LaChelle Telfair</p> <p>Telephone No.: (270) 441-5310</p> <p>Fax No.: (270) 441-5288</p>
<p>Shipment Date: 08/19/13</p>	
<p>NTS ETA: 08/22/2013 @ 0700 hrs PST</p>	
<p>Shipment No.: PDL13003</p>	
<p>Package No.: DND122, DND123, DND124</p>	
<p>Disposal Volume (m3): 8.15</p>	
<p>Consignee</p> <p>National Security Technologies, LLC (NSTec) For U.S. Department of Energy Waste Energy Nevada Test Site-Zone 2 Mercury, Nevada 89023</p>	<p>Contact: Louis Gregory</p> <p>Telephone No.: (702) 295-9393</p>
<p>Signature - <i>Authorized consignee acknowledging waste receipt and disposal</i></p> <p align="center"><i>Jon Smith</i></p>	<p>Date:</p> <p align="center"><i>08-22-2013</i></p>

**NTS RECEIVING PERSONNEL**

1. PLEASE SIGN AND DATE THIS DOCUMENT
2. PLEASE SIGN AND DATE THE BILL OF LADING
3. PLEASE PROVIDE BOTH SIGNED AND DATED DOCUMENTS TO THE CONSIGNOR





**CERTIFICATE OF RECEIPT AND DISPOSAL**

<p>Consignor</p> <p>LATA Kentucky on behalf of US DOE 5600 Hobbs Road Kevil, KY 42053</p>	<p>Contact: LaChelle Telfair</p> <p>Telephone No.: (270) 441-5310</p> <p>Fax No.: (270) 441-5288</p>
<p>Shipment Date: 11/18/13</p> <p>NSS ETA: 11/21/2013 @ 0700 hrs PST</p> <p>Shipment No.: PDL14009</p>	
<p>Package No.: DND153</p>	
<p>Disposal Volume (m3): 2.72</p>	
<p>Consignee</p> <p>National Security Technologies, LLC (NSTec) For U.S. Department of Energy National Nuclear Security Administration Waste Management Nevada National Security Site - Zone 2 Mercury, Nevada 89023</p>	<p>Contact: Chris Chalupka</p> <p>Telephone No.: (702) 295-6348</p>
<p>Signature - <i>Authorized consignee acknowledging waste receipt and disposal</i></p> <p><i>Jon Frank</i></p>	<p>Date: 11-21-2013</p>

**NTS RECEIVING PERSONNEL**

1. PLEASE SIGN AND DATE THIS DOCUMENT
2. PLEASE SIGN AND DATE THE BILL OF LADING
3. PLEASE PROVIDE BOTH SIGNED AND DATED DOCUMENTS TO THE CONSIGNOR



H120-PA-14-0024

November 25, 2013

Lisa A. Turner  
Waste Certification Official  
LATA Environmental Services of Kentucky, LLC  
761 Veterans Avenue  
Kevil, KY 42053

**Subject: CERTIFICATE OF DISPOSAL FOR POLYCHLORINATED  
BIPHENYL (PCB) WASTE AT THE NEVADA NATIONAL SECURITY SITE  
RADIOACTIVE WASTE MANAGEMENT SITE (RWMS)**

Enclosed is the certificate (per 40 CFR 761.218) acknowledging disposal of manifested PCB shipment PDL14009, in the Mixed Waste Disposal Unit at the Nevada National Security Site RWMS.

If you have any questions, please contact me at 702-295-2261.

Patrick M. Arnold, Program Manager  
Environmental Management Program

RCD:saq

Enclosure: as stated

cc w/enc.

Correspondence Control  
EWO Correspondence  
J. T. Carilli, NNSA/NFO  
R. C. Denton, NSTec  
R. G. Geisinger, NSTec  
L. B. Gregory, NSTec  
M. Libidinsky, NNSA/NFO  
C. P. Moke, NSTec  
K. M. Small, NNSA/NFO  
A. V. Tauber, NNSA/NFO  
R. A. Wagner, NSTec

**National Security Technologies, LLC**

Vision – Service – Partnership

[www.NSTec.com](http://www.NSTec.com)

P.O. Box 98521, Las Vegas, NV 89193-8521  
2621 Losee Road, N. Las Vegas, NV 89030-4129



**CERTIFICATE OF DISPOSAL**  
**(POLYCHLORINATED BIPHENYL)**

National Security Technologies LLC  
For U.S. Department of Energy Waste  
Management  
Nevada National Security Site - Zone 2  
Mercury, NV 89023



EPA ID NV3890090001

This Certificate acknowledges that the following shipment(s) of manifested POLYCHLORINATED BIPHENYL (PCB) waste have been disposed at the Nevada National Security Site Radioactive Waste Management Site.

Shipment Number	Uniform Hazardous Waste Manifest Number	Date(s) of Disposal	Volume Ft <sup>3</sup> (m <sup>3</sup> )	Disposal Process
PDL14009	006841665JJK	11/21/2013	80.91 (2.29)	Landfill

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete.

As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

*P. M. Ould*

Signature

*11/25/13*

Date

Program Manager, Environmental Management Program  
Title

**Instructions:**

- Shipment Number – enter shipment number from LWIS database.
- Uniform Hazardous Waste Manifest Number – enter number from UHWM provided by generator.
- Date of Disposal – enter date waste was placed in disposal cell.
- Volume – enter shipment volume in cubic feet and equivalent cubic meters in parenthesis.
- Disposal Process – enter Landfill.

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## 7. PCB WASTE STORAGE AREA INSPECTION RECORDS

Records of inspections performed in accordance with 40 *CFR* § 761.65(c)(5) are annual records required by 40 *CFR* § 761.180(a)(1)(iii).

Table 7.1 lists the PCB waste storage areas (i.e., a building or an area within a building) established and/or operated for PCB wastes at PGDP during CY 2013. Table 7.2 contains information from the PCB Waste Inspection database and lists the dates of inspection and a “Yes/No” check to indicate if leaks/spills were found.

**Table 7.1. PCB Waste Storage Areas at PGDP**

<b>Building</b>	<b>Waste Area Designator</b>	<b>Building</b>	<b>Waste Area Designator</b>
C-331	G-331-03	C-709	S-709-01
C-331	G-331-10	C-709	S-709-02
C-333	G-333-02	C-710	G-710-04
C-333	G-333-07	C-710	G-710-23
C-333	G-333-17	C-710	S-710-05
C-335	G-335-01	C-710	S-710-06
C-337	G-337-07	C-710	S-710-10
C-337	G-337-13	C-710	S-710-16
C-337	G-337-15	C-710	S-710-38
C-337	G-337-25	C-710	S-710-41
C-337	G-337-26	C-710	S-710-46
C-337	G-337-28b	C-710	S-710-64
C-337	G-337-Tank	C-727	G-727-01
C-340	H-340-03	C-733	DOE
C-340	H-340-04	C-743-T17	C-743-T17-02
C-340	C-340-07	C-746-Q	DOE
C-410	C-410-04	C-752-A	DOE
C-411	C-411-02	C-753-A	DOE
		C-757	G-757-01

Waste Area Designators:

C = Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), a temporary storage area for CERCLA wastes.

DOE = permanent waste storage facility.

G = generator staging area, a temporary storage area for non-Resource Conservation and Recovery Act (RCRA) PCB and/or low-level (radioactive) wastes.

H = 90-day area, a RCRA 90-day area for RCRA and RCRA/PCB wastes.

P = 30-day area, a temporary area for PCB solid wastes.

S = satellite accumulation area, a RCRA area for RCRA and RCRA/PCB wastes.

**Table 7.2. PCB Waste Storage Area Inspection Summary**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
<b>C-311</b>	G-331-10	9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-331-03	1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-331-03	2/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-331-03	3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-331-03	4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-331-03	5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-331-03	5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-331-03	6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-331-03	7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-331-03	8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-03	9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC	

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-331-03		10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-03		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-03		12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-10		1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-10		2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-10		3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-10		4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-10		5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-10		5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-10		6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-10		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-10		8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-331-10		10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
	G-331-10	11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-331-10	12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
<b>C-333</b>					
	G-333-02	1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-02	2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-02	3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-02	4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-02	5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-02	5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-02	6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-02	7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-02	8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-02	9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC



**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-333-02		10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-02		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-02		12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-333-07		10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-07		12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-17		1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-17		2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-17		3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-17		4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-17		5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-17		5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-17		6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-17		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-17		8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-333-17		9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
	G-333-17	10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-17	11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-333-17	12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
<b>C-335</b>					
	C-335-01	9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
	G-335-01	8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-335-01	12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
<b>C-337</b>					
	G-337-07	1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-07	2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-07	3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-07	4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-07	5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-07	5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-07	6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-07	7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-337-07		8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-07		9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-07		10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-07		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-07		12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-337-13		8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-13		12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-337-15		8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-15		12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-337-25		8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-25		12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-26		1/8/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		2/6/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		3/7/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		4/5/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		5/2/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		5/31/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		6/24/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		7/23/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774



**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-337-26		8/21/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		9/19/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		10/18/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		11/15/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-26		12/12/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-774
G-337-28b		1/8/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		2/6/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		3/7/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		4/5/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		5/2/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		5/31/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		6/24/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		7/23/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-337-28b		8/21/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		9/19/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		10/18/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		11/15/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-28b		12/12/2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	USEC PCB-789
G-337-Tanks		1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-Tanks		2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-Tanks		3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-Tanks		4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-Tanks		5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-Tanks		5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-Tanks		6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
G-337-Tanks		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
	G-337-Tanks	8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-Tanks	9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-Tanks	10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-Tanks	11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-337-Tanks	12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
<b>C-340</b>					
	C-340-07	1/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-340-07	1/9/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-340-07	1/16/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-340-07	1/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-340-07	1/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-340-07	2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-340-07	2/13/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
C-340-07		2/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		2/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		3/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		3/13/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		3/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		3/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		4/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		4/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		4/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		4/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		5/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		5/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		5/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
C-340-07		5/22/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		5/29/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		6/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		6/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		6/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		6/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		7/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		7/9/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		7/16/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		7/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		8/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		8/13/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
C-340-07		8/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		8/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		9/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		9/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		9/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		9/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		10/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		10/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		10/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		10/22/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		10/29/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		11/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-340-07		11/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	C-340-07	11/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-340-07	11/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-340-08	2/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-340-08	3/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>C-410</b>					
	C-410-04	1/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	1/9/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	1/16/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	1/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	1/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	2/13/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	2/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
C-410-04		2/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		3/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		3/13/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		3/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		3/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		4/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		4/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		4/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		4/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		5/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		5/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		5/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		5/22/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
C-410-04		5/29/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		6/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		6/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		6/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		6/25/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		7/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		7/9/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		7/16/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		7/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		8/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		8/13/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		8/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
C-410-04		8/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		9/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		9/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		9/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		9/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		10/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		10/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		10/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		10/22/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		10/29/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		11/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		11/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-410-04		11/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	C-410-04	11/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	12/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	12/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	12/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	12/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-410-04	12/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>C-411</b>					
	C-411-02	1/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-411-02	1/9/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-411-02	1/16/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-411-02	1/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-411-02	1/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-411-02	2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
C-411-02		2/13/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		2/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		2/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		3/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		3/13/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		3/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		3/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		4/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		4/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		4/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		4/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		5/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		5/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
C-411-02		5/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		5/22/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		5/29/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		6/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		6/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		6/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		6/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		7/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		7/9/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		7/16/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		8/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		8/13/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
C-411-02		8/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		8/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		9/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		9/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		9/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		9/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		10/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		10/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		10/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		10/22/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		10/29/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		11/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-411-02		11/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	C-411-02	11/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-411-02	12/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-411-02	12/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-411-02	12/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-411-02	12/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-411-02	12/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>C-709</b>					
	S-709-01	1/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-01	1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-01	1/22/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-01	2/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-01	2/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-01	3/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
S-709-01		3/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		4/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		4/16/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		4/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		5/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		5/28/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		6/11/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		6/25/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		7/9/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		8/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		8/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		9/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC



**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
S-709-01		9/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		10/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		10/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		10/29/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		11/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		11/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		12/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-01		12/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		1/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		1/22/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		2/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		2/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
S-709-02		3/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		3/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		4/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		4/16/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		4/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		5/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		5/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		6/11/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		6/25/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		7/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		8/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-709-02		8/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	S-709-02	9/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-02	9/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-02	10/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-02	10/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-02	10/29/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-02	11/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-02	11/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-02	12/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-709-02	12/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
<b>C-710</b>					
	G-710-04	1/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
	G-710-04	1/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
	G-710-04	2/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-710-04		2/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		3/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		3/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		4/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		4/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		5/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		5/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		6/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		6/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		7/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		7/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		8/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		8/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-710-04		9/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		9/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		10/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		10/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		11/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		12/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-04		12/11/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		1/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		1/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		2/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		2/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		3/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-710-23		3/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		4/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		4/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		5/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		5/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		6/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		6/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		7/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		7/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		8/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		8/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		9/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		9/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
G-710-23		10/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		10/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		11/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		12/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
G-710-23		12/11/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-06		1/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-06		1/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-06		2/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-38		1/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		1/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		2/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		2/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
S-710-38		3/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		3/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		4/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		4/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		5/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		5/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		6/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		6/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		7/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		7/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		8/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		8/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		9/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs



**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
S-710-38		9/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		10/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		10/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		11/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		12/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-38		12/11/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-41		1/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		1/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		2/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		2/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		3/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		3/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
S-710-41		4/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		4/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		5/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		5/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		6/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		6/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		7/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		7/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		8/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		8/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		9/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		9/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		10/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
S-710-41		10/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		11/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		12/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-41		12/11/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-46		1/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		2/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		2/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		3/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		3/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		4/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		4/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		5/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
S-710-46		5/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		6/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		6/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		7/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		7/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		7/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		8/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		8/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		9/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		9/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		10/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
S-710-46		10/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
S-710-46		11/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
	S-710-46	11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-710-46	12/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-710-46	12/11/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	S-710-64	1/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
	S-710-64	1/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC-No PCBs
<b>C-727</b>					
	G-727-01	1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	G-727-01	7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-727-01	12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
<b>C-733</b>					
	DOE	1/9/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	3/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	4/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	5/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	5/29/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
DOE		6/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		7/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		9/11/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		9/25/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		10/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		11/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		12/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		12/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>C-746-Q</b>					
DOE		1/9/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		3/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
DOE		4/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		5/1/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		5/29/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		6/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		7/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		9/11/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		9/25/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		10/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		11/20/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		12/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>C-752-A</b>					
DOE		1/10/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
DOE		2/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		4/4/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		5/30/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		6/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		7/25/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		8/22/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		9/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		9/26/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		10/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		11/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOE		12/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
C-753-A	DOE	1/3/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	1/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	2/28/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	3/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	4/25/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	5/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	6/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	6/27/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	7/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	8/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	10/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	DOE	11/14/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	DOE	12/17/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-757	G-757-01	1/8/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	2/6/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	3/7/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	4/5/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	5/2/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	5/31/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	6/24/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	7/23/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	8/21/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	9/19/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

**7.2. PCB Waste Inspection Summary Report (Continued)**

<b>Building</b>	<b>Area</b>	<b>Date Inspected</b>	<b>Leaks Yes</b>	<b>Leaks No</b>	<b>Comments</b>
	G-757-01	10/18/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	11/15/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC
	G-757-01	12/12/2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	USEC

## **8. PCB SPILL CLEANUP REPORTS**

Records of inspections and cleanups performed in accordance with 40 *CFR* § 761.65(c)(5) are annual records required by 40 *CFR* § 761.180(a)(1)(iii). At PGDP, PCB spills are categorized either as gasket spills or non-gasket spills. Gasket spills are spills from leaks or drips from the process building ventilation duct gaskets and are considered to be greater than or equal to 500 ppm PCBs; cleanup must meet the standards of 40 *CFR* § 761 Subpart G or the UE TSCA FFCA. Non-gasket spills are spills from other sources, such as PCB electrical equipment or containerized wastes, and cleanup of these spills greater than or equal to 50 ppm PCBs also must meet the standards of 40 *CFR* § 761 Subpart G or the UE TSCA FFCA. Spills that occurred during 2012 and any older spills that had cleanup activities during 2013 are included in Table 8.1, PCB Spill Cleanup Reports Summary.

Table 8.1. PCB Spill Cleanup Reports Summary

REPORT NUMBER	SPILL DATE	SPILL TIME	BUILDING	COLUMN	RESPONSE	PCB SOURCE	DATE/TIME COMPLETED	TSCA REPORTABLE	CORDINATOR	COMMENTS	STATUS
1920	8/17/2010	0932	C-310	D-13	Restricted Access Notified Maintenance Cleaned Verified		5/9/2013 0855	N	Ed King	5/9/13 update Maintenance complete. Spill site taken down. Waiting on maintenance, new WR 11-SO-147, to close as clean. IS clean, received assessment. Sampled 9/16/2010. CCZ. 2 drops in 2 100cm2 areas, near substation 2PP-30; requires 2 samples, 1 high trough.	Complete
1923	8/25/2010	1325	C-335	DD-32	USEC flagged and reported and cleaned			N	USEC	USEC cleaned and covered with plastic. Leak coming from surge and waste booster lube oil leak from duct to booster. Puddle about 1 ft square on floor. Discussion with USEC Compliance that this is not a DOE gasket spill; the lube oil is leaking from the ceiling around the duct, plus lube oil puddled on floor adjacent to this area is backing up into the area. USEC took samples of the gaskets and floor.	Incomplete
1927	10/9/2010	1330	C-331	P-27	Restricted Access Notified Maintenance Cleaned Sampled		3/7/2013 1300	N	Ed King	9/19 update: maintenance completed, spill closed. Need maint; new WR 11-SO-118. Received assessment, IS clean, data in OREIS. Sampled 1S, 2S, 3S 10/28/10, 7 pt MRI SAP. 10/9/2010, USEC reported vent duct leak from untroughed gasket near col P-27. LATA crew performed initial cleaning on Sunday 10/10/2010, completed by 1204. Spill size 2.6 inches by 23 inches on floor requires 7-pt MRI SAP. Requested 2-4 troughs and new drip leg, and attach existing high drip leg to new; maintenance request covers both spills 1977 and 1978.	Complete
1928	10/9/2010	1330	C-331	P-26	Restricted Access Notified Maintenance Cleaned Verified		3/7/2013 1300	N	Ed King	3/7/13 update: Maintenance completed. Spill site closed. Need maint. Received assessment 3/1/11. New WR 11-SO-118. IS clean. Sampled 11/4/10, 7 pt MRI SAP. 10/9/2010, USEC reported vent duct leak from untroughed gasket near col P-26. LATA crew performed initial cleaning on Sunday 10/10/2010, completed by 1204. Spill size 27 inches by 29 inches on floor requires 7-pt MRI SAP. Requested 2-4 troughs and new drip leg, and attach existing high drip leg to new; maintenance request covers both spills 1927 and 1928.	Complete
1932	12/7/2010	0922	C-333	G-9	Restricted Access Notified Maintenance Cleaned Sampled		2/20/2013 1411	N	Ed King	2/20/13 update: Maintenance complete. Spill closed. Spill 1947 from same trough, is tied to this maintenance request. Need maint. IS clean, in OREIS, received assessment. Sampled 1/6/11. 4 samples, 4 100cm2 areas on floor, needs 10-15 new troughs and tie in to existing high troughs with new lower drop leg.	Complete
1935	1/24/2011	0910	C-337	J-41	Restricted Access Notified Maintenance Cleaned Verified		2/7/2013 0851	N	Ed King	2/7/13 update: Installed 3 pans and closed as clean. 1935 2 S clean. Need maint. IS and 2S in OREIS 5/16/11, received assessment. Sampled 2/24/11. 3 areas on floor: 2 at 100cm2 (1+1) and 14 inches by 24 inches (7-pt MRI); requires 9 samples total. Untroughed supply side. Requested 3-6 troughs and new drip leg.	Complete
1940	3/22/2011	0817	C-333	Ua-18	Restricted Access Notified Maintenance Cleaned Verified		5/16/2013 0942	N	Ed King	5/16/13 update- installed one pan. Closed as clean. 11/2/11 update - Assessment complete - IS clean, need maintenance. Need assessment and maint. IS clean, in OREIS. Sampled 4/7/11, 7 pt MRI. Drips on floor in 20 by 22 inch area; requires 7-pt MRI; requested 1-4 troughs and drip leg.	Complete

Table 8.1. PCB Spill Cleanup Reports Summary (Continued)

REPORT NUMBER	SPILL DATE	SPILL TIME	BUILDING	COLUMN	RESPONSE	PCB SOURCE	DATE/TIME COMPLETED	TSCA REPORTABLE	CORDINATOR	COMMENTS	STATUS
1941	5/10/2011	1230	C-337	U1 C5	Restricted Access Cleaned			N	USEC	Column Gb-6. Per phone conversation 5/16/11 with Mike Golightly, USEC initiated cleanup within 24 hours; further sampling is needed and cleanup will continue. Issued as 1939, Mike Golightly to get PSS to correct to 1941. Spill is caused by a hydraulic leak into the instrument duct; instrumentation within the U1C5 heated cubicle is coated, there is no pool [of oil], USEC has flagged and posted the door and access panel and will be responsible for cleanup per Mike Golightly. 5/9/13 update: Maintenance completed. Analytical data received 10/19/11 Spill site clean. Spill site removed. Sampled 7/14/11. Requested maintenance 1-4 new troughs and new drip leg. Spill area on floor less than 1500 cm2; requires 3 random, nonadjacent samples. 11/3/11 update: 1S clean, awaiting maintenance. Waiting on assessment, no maintenance. Sampled 1S, 2S, 3S on 8/18/11; 2 drops in 9 inches by 10 inches (less than 1500 cm2), requires 3 random non-adjacent samples; next to spill 1932, maintenance will be done under spill 1932.	Incomplete
1942	6/18/2011	0840	C-310	C-13	Restricted Access Notified Maintenance Cleaned, sampled		5/9/2013 0920	N	Ed King	4/15/13 update: 1 S clean, maintenance completed, spill closed. 1/19/12 update: sample 1S, 2S, and 3S complete, 100 cm2 spill area. Drip from elbow on drop leg of trough. Requested maintenance and sampling	Complete
1947	8/9/2011	0915	C-333	Ga-10	Restricted Access Notified Maintenance Cleaned sampled		2/20/2013 1311	N	Ed King	Oil dripping from open ductwork onto USEC energized transformer 7-2-6-A. Initial cleanup completed by USEC on 1/13/12 at 1300.	Complete
1951	1/9/2012	2150	C-331	AA-21	Restricted Access Cleaned		4/15/2013 1240	N	P.E. King	Oil dripping from open ductwork onto USEC energized transformer U2-1-A. Initial cleanup completed by USEC on 1/13/12 at 1400.	Complete
1952	1/13/2012	0900	C-337	Gb-29	Initial cleaning completed by USEC on 1/13/12 at 1300.			N	P.E. King	6/6/13 update - maintenance complete. Installed 2 troughs and 2 pans. Closed as clean. 8/21/12 update: OREIS data - IS 54.9 ppm PCBs, 2S 14.8 ppm PCB, 3S	Complete
1953	1/13/2012	0900	C-337	La-22	Initial cleanup completed by USEC on 1/13/12 at 1400.			N	P.E. King	8/30/12 update - IS clean. 7/26/12 update - Sampled 1S, 2S and 3S. 7/17/11 update - 2 drops on floor, 100 cm2 spill area, initial cleanup completed on 7/17/11 at 1326 hours.	Incomplete
1957	6/25/2012	0943	C-333	V-3	Restricted Access Cleaned		6/6/2013 1233	N	P.E. King	5/13/13 update maintenance completed. Spill site closed. 10/2/12 update - IS OREIS sample data received.	Complete
1958	7/17/2012	1217	C-310	C-4	Flagged, posted and initial cleanup completed			N	P.E. King	2/14/13 update: installation of 2 troughs complete. Spill closed. 11/19/12 update - Received PCB12-1960-1S, -2S, and -3S data. IS dirty. 2S Dirty, 3S Clean. 9/13/12 update - sampled 1S, 2S and 3S. Two spots on floor. One area is 24" by 24", the other is 6" by 8". Initial cleanup performed at 1020. Sample request submitted. Maintenance request submitted.	Incomplete
1959	8/8/2012	0820	C-310	C-5	Flagged off, absorbent installed, initial cleanup completed		5/13/2013 1210	N	P.E. King	3/6/13 update: installed 1 pan, spill site closed.	Complete
1960	8/13/2012	0930	C-337	L-33y	Initial clean performed, flagged off spill area		2/14/2013 0938	N	P.E. King	11/19/12 update - received 1961-1S and -2S data. 1961-1S dirty, 1961-2S clean. Awaiting maintenance.	Complete
1961	9/13/2012	0915	C-337	B-36	Initial cleanup completed.		3/6/2013 0900	N	P.E. King	9/27/12 update - 1961-1S, -2S, -3S sampled. Several spots on floor. 8 inch by 8 inch (	Complete

Table 8.1. PCB Spill Cleanup Reports Summary (Continued)

REPORT NUMBER	SPILL DATE	SPILL TIME BUILDING	COLUMN	RESPONSE	PCB SOURCE	DATE/TIME COMPLETED	TSCA REPORTABLE	CORDINATOR	COMMENTS	STATUS
1963	10/3/2012 1211	C-333	Sa-28	Restricted Access Maintenance performed and Cleaned		7/29/2013 1025	N	P.E. King	7/29/13 update - Spill site closed as clean. Spill site taken down. 7/25/13 update - received USEC spill cleanup and analytical data. Less than 10 ug/wipe. Cannot close until USEC cleans and verifies USEC equipment as clean. 6/6/13 update - received assessed data - IS clean, maintenance completed on 10/3/12, however USEC has not completed cleaning/verification of cleaning on USEC equipment (tank and pump). 5/30/13 update - Analytical data received - IS clean. Broken trough dripped on Unit 5 lube oil tank and splattered to floor area, 6 by 7' and on lube oil sump pump near column Sa-28	Complete
1964	1/23/2013 1104	C-337	Y-10				N	P.E. King	5/2/13 update: 1964-IS is clean. No further cleanup is required. Original Spill Report identified exhaust fan leaking. Inspection of area identified lube oil leak through opening in ductwork adjacent to fan motor. USEC collected oil sampled and results indicated PCBs at 113 ug/wipe on 1/23/13 at 1104. Initial cleanup was completed on 1/24/13 at 0947.	Incomplete
1965	2/14/2013 1315	C-337	Y-11	Initial cleanup complete.		5/30/2013 0850	N	P.E. King	5/30/13 update - Maintenance completed. Spill closed. 5/2/13 update: 1965 - IS clean. No further cleanup is required. Original spill reported by PSS as 6 to 8 inch diameter circle. Additional tire tracks through oil observed and cleaned with original spill area. Notified PSS about additional tire tracks through spill.	Complete
1966	3/14/2013 0800	C-337	V48	Initial cleanup completed and area flagged off.		6/6/2013 1205	N	P.E. King	6/6/13 update - received assessed data - 2S clean. 5/30/13 update - IS data received > 10 ug/wipe, 2S data received	Complete
1967	4/8/2013 0926	C-333	M-25	Initial cleanup completed, posted, and flagged		6/6/2013 1251	N	P.E. King	6/6/13 update - received assessed data - IS clean. Closed as clean. 5/30/13 update - data received < 10 ug/wipe, awaiting assessment. 5/16/13 update - installed one pan. Maintenance complete. Initial cleanup completed, posted and flagged spill area. 7/22/13 update maintenance completed on 5/24/13.	Complete
1968	4/19/2013 2150	C-331	CC-23	Initial cleanup performed 4/20/13 at 1055		7/22/2013 1240	N	P.E. King	Spill site closed as clean. 7/18/13 update - OREIS Data received. Spill site IS clean. 5/23/13 update - sampling completed. 4/20/13 - Initial cleanup completed. Several drops from untroughed gasket. Area posted and flagged off.	Complete
1969	5/1/2013 1321	C-337	Ga-16	Initial cleanup performed, flagged and posted		8/5/2013 0953	N	P.E. King	8/5/13 - Maintenance complete, installed 1 pan under elbow and trough. Spill taken down. 7/18/13 update - OREIS data received. IS clean. 5/16/13 update - sampling completed. Notified by PSS 5/1/13 at 1321 PCB spill from troughed gasket. Spill site flagged and posted. On 5/2/13 at 0715 initial cleanup was completed.	Complete
1970	5/6/2013 0708	C-331	P-11	Restricted Access Cleaned		7/22/2013 1250	N	P.E. King	7/22/13 update - Maintenance completed on 5/24/13. Closed as clean. 7/18/13 update - OREIS data received. IS not clean. 2S was clean. 5/23/13 update - sampling completed. Several drops on floor in an area 12" by 12". Initial clean complete at 0945 on 5/6/13.	Complete
1971	5/6/2013 0900	C-337	Gb-39	Restricted Access Cleaned		7/22/2013 1100	N	P.E. King	7/22/13 - Closed as clean. 7/18/13 update OREIS data received. IS not clean. 2S clean. 5/30/13 update: installation of one pan, drip leg and valve completed. 5/16/13 update - sampling completed. 3 drops on floor on 100 cm2 area. Roped off, posted, and initial cleaning performed.	Complete



Table 8.1. PCB Spill Cleanup Reports Summary (Continued)

REPORT NUMBER	SPILL DATE	SPILL TIME	BUILDING	COLUMN	RESPONSE	PCB SOURCE	DATE/TIME COMPLETED	TSCA REPORTABLE	COORDINATOR	COMMENTS	STATUS
1972	5/14/2013	0900	C-337	Gh25y	Initial cleaning complete, posted, roped		7/25/2013 0945	N	P.E. King	7/25/13 update - maintenance complete, installed 1 trough and 2 pans. Closed as clean. 7/18/13, update - OREIS data received. 1S not clean. 2S clean. 5/23/13 update - sampling completed. Two 100 cm2 areas. Cleaned, posted, rope installed. Initial cleanup completed. Sample and maintenance request completed. 10/25/13 update: Spill closed as clean. 10/22/13 update: 4S sample clean area 2. Maintenance was completed on 7/25/13 at 1027. 9/10/13 update: 3S sample for Areas 1 and 3 clean. Area 2 dirty require additional cleaning and sampling. 9/10/13 update: OREIS data received 1S dirty, 2S dirty, 3S dirty. Resampled (4S) on 8/29/13. 6/20/13 update: Spill sampling completed, 1S, 2S, and 3S. 3 areas: (1) 6 drips in a 12" by 10" area, (2) 2 drips in a 100 cm2 area, and (3) 7 drips in a 24" by 29" area. Initial cleanup completed on 6/4/13 at 0901.	Complete
1973	6/4/2013	0731	C-337	J-34	Area flagged and initial cleaning completed		10/23/2013 0950	N	P.E. King	An area ~40 feet by 50 feet containing potentially PCB contaminated water. Estimated volume is 5 gallons of low concentration PCB water (No oil sheen). Quantity is less than RQ. The water is being sampled for PCB concentration.	Complete
1974	8/21/2013	1300	C-337	W-43	Flagged to prevent entry. Water to be sampled.			N	P.E. King	Pipe broken. Leak on rubber booties. New section of pipe installed. Rubber booties that were contaminated with oil were removed/segregated and disposed of as PCB waste. No evidence of spill on USEC cart and floor. Closed as clean.	Incomplete
1975	8/26/2013	0820	C-335	G-18	Broken pipe. Leak on rubber booties in laundry cart.		8/26/2013 1355	N	P.E. King	12/16/13 update: 1976-1S Clean. Spill site closed as clean. 9/26/13 update: 1S, 2S, and 3S sample collected. 9/18/13 update: maintenance completed, repaired "T" connection and broken 1" PVC line. 1 drip on floor (100 cm2), broken trough, initial cleanup complete at 1332, flagged and posted.	Complete
1976	9/17/2013	0820	C-333	K4	Initial cleanup complete, flagged and posted		12/16/2013 0950	N	P.E. King	C-333 col X-27, 22" by 30" on floor and south side of column X-27 22" by 68", oil and water from troughed gasket, existing elbow leak. Performed initial cleanup, roped and flaired off area.	Complete
1977	11/19/2013	1215	C-333	X-27	Restricted Access Cleaned			N	P.E. King		Incomplete

33 Gasket Spills: Open 1/1/13; New in 2013  
 14 New  
 19 Open 1/1/13

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## 9. PCB ELECTRICAL EQUIPMENT IN SERVICE

PCB ( $\geq 500$  ppm) transformers, PCB-contaminated ( $\geq 50 < 500$  ppm) transformers, PCB-contaminated electrical equipment, and PCB large capacitors in service at PGDP during 2013 are listed in Tables 9.1–9.5. Equipment placed into storage for disposal is removed from this inventory based on information supplied on the Request for Disposal (RFD) or from the generator if the RFD is not completely processed.

The inventory of PCB-contaminated transformers and electrical equipment is optional information not specifically required for the Annual Document, but it is useful information that ensures proper handling of the PCB-contaminated liquids if spilled and proper disposal of the liquids and the equipment when removed from service.

No PCB large capacitors were removed from service in CY 2013. No PCB transformers, PCB-contaminated transformers, or PCB-contaminated electrical equipment were removed from service or reclassified in CY 2013. Also, no PCBs or PCB items were distributed in commerce (i.e., ownership transferred from another facility to PGDP) during 2013.

The CY 2013 PCB transformer maintenance records are in Appendix A. The PCB transformer quarterly inspections are in Appendix B. Additional PGDP PCB systems and items (e.g., C-340 hydraulic systems and process building ventilation duct gaskets) containing PCBs are addressed in the UE TSCA FFCA.

Information on the PCB electrical equipment at PGDP was provided by United States Enrichment Corporation (USEC).

**Table 9.1. PCB Electrical Equipment in Service as of December 31, 2013**

Type	Number in Service	Volume (gal)	PCB (kg)
PCB transformers	67	96,410	283,385
PCB-contaminated transformers	8	1,800	0.52
PCB-contaminated electrical equipment	6	1,982	1.06
PCB large high-voltage capacitors	0	0	0

**Table 9.2. PCB Transformers in Service as of December 31, 2013**

<b>Building</b>	<b>Designation Compartment</b>	<b>Manufacturer</b>	<b>Serial Number</b>	<b>Volume (gal)</b>	<b>PCB Concentration (ppm)</b>	<b>PCB (kg)</b>
C-337	SPARE 3	General Electric	B983142	1,370	500,000	4,039.3
C-337	SPARE 4	General Electric	B983145	1,370	500,000	4,039.3
C-337	SPARE 5	General Electric	B983130	1,370	640,000	5,170.3
C-337	SPARE 6	General Electric	B983138	1,370	640,000	5,170.3
C-337	SPARE 7	General Electric	C159549	1,686	470,000	4,672.7
C-337	71P1A	General Electric	B9833183	1,686	590,000	5,865.8
C-337	71P1B	General Electric	B983184	1,686	540,000	5,368.7
C-337	71P2A	General Electric	B983170	1,686	650,000	6,462.3
C-337	71P2B	General Electric	B983173	1,686	710,000	7,058.8
C-337	71P3A	General Electric	B983158	1,370	470,000	3,796.9
C-337	71P3B	General Electric	B983161	1,370	410,000	3,312.2
C-337	71P4A	General Electric	B983160	1,686	410,000	4,076.2
C-337	71P4B	General Electric	B983175	1,686	440,000	4,374.5
C-337	71P5A	General Electric	983120	1,370	480,000	3,877.7
C-337	71P5B	General Electric	B983114	1,370	480,000	3,877.7
C-337	71P6A	General Electric	B983163	1,686	470,000	4,672.7
C-337	71P6B	General Electric	B983169	1,686	500,000	4,971.0
C-337	71P7A	General Electric	B983140	1,370	430,000	3,473.8
C-337	71P7B	General Electric	B983141	1,370	440,000	3,554.6
C-337	71P8A	General Electric	B983229	1,686	500,000	4,971.0
C-337	71P8B	General Electric	B983206	1,686	450,000	4,473.9
C-337	71P9A	General Electric	B983139	1,370	460,000	3,716.2
C-337	71P9B	General Electric	B983122	1,370	480,000	3,877.7
C-337	71P10A	General Electric	B983176	1,686	440,000	4,374.5
C-337	71P10B	General Electric	B983187	1,686	480,000	4,772.2
C-337	72P1A	Standard	RIC0118	1,262	440,000	3,274.4
C-337	72P1B	Standard	RIC0091	1,262	440,000	3,274.4
C-337	72P2A	Standard	RIB0059	1,370	730,000	5,897.4
C-337	72P2B	Standard	RID0128	1,370	740,000	5,978.2
C-337	72P3A	General Electric	B983125	1,374	480,000	3,889.1
C-337	72P3B	General Electric	B983218	1,686	430,000	4,275.1
C-337	72P4A	Standard	RIA0022	1,370	530,000	4,281.7
C-337	72P4B	General Electric	B983214	1,686	550,000	5,468.1
C-337	72P5A	General Electric	B983167	1,374	450,000	3,646.0
C-337	72P5B	General Electric	B983168	1,374	410,000	3,321.9
C-337	72P6A	Standard	RIA0004	1,262	460,000	3,423.2
C-337	72P6B	Standard	RHL0660	1,370	530,000	4,281.7
C-337	72P7A	General Electric	B983202	1,374	430,000	3,483.9

**Table 9.2. PCB Transformers in Service as of December 31, 2013 (Continued)**

<b>Building</b>	<b>Designation Compartment</b>	<b>Manufacturer</b>	<b>Serial Number</b>	<b>Volume (gal)</b>	<b>PCB Concentration (ppm)</b>	<b>PCB (kg)</b>
C-337	72P7B	General Electric	B983201	1,374	460,000	3,727.0
C-337	72P8A	Standard	RHI0472	1,370	540,000	4,362.5
C-337	72P8B	Standard	RIJ-L101/ 21-02202	1,262	780,000	5,804.6
C-337	72P9A	General Electric	B983162	1,374	500,000	4,051.1
C-337	72P9B	General Electric	B983159	1,374	470,000	3,808.0
C-337	72P10A	Standard	RHK- 0578	1,250	490,000	3,611.8
C-337	72P10B	Standard	RHI-0443	1,250	460,000	3,390.7
C-337	76P1A	General Electric	B983174	1,686	460,000	4,573.3
C-337	76P1B	General Electric	B983180	1,686	480,000	4,772.2
C-337	76P2A	General Electric	B983185	1,370	480,000	3,877.7
C-337	76P2B	General Electric	B983193	1,370	460,000	3,716.2
C-337	76P3A	General Electric	B983186	1,370	500,000	4,039.3
C-337	76P3B	General Electric	B983189	1,370	520,000	4,200.9
C-337	76P4A	General Electric	B983190	1,370	500,000	4,039.3
C-337	76P4B	General Electric	B983191	1,370	500,000	4,039.3
C-337	76P5A	General Electric	B983197	1,370	450,000	3,635.4
C-337	76P5B	General Electric	B983195	1,370	460,000	3,716.2
C-337	76P6A	General Electric	B983188	1,370	460,000	3,716.2
C-337	76P6B	General Electric	B983192	1,370	450,000	3,635.4
C-337	76P7A	General Electric	B983199	1,370	470,000	3,796.9
C-337	76P7B	General Electric	B983181	1,370	470,000	3,796.9
C-337	76P8A	General Electric	B983182	1,370	440,000	3,554.6
C-337	76P8B	General Electric	B983178	1,370	460,000	3,716.2
C-337	76P9A	General Electric	B983194	1,370	440,000	3,554.6
C-337	76P9B	General Electric	B983200	1,370	450,000	3,635.4
C-337	76P10A	General Electric	B983179	1,370	480,000	3,877.7
C-337	76P10B	General Electric	B983172	1,370	460,000	3,716.2
C-337	SPARE	Standard	RIJ-1187	1,262	600,000	4,465.1
C-337	SPARE	General Electric	B983576	1,370	500,000	4,039.3
			67	96,410		283,385.4

Note: No PCB transformers were added or removed during 2013.

**Table 9.3. PCB-Contaminated Transformers in Service as of December 31, 2013**

Building	Designation	Compartment	Volume (gal)	PCB concentration (ppm)	PCB (kg)
C-315	SW-1	Main	400	59	0.09
C-533	Y-line	A Phase	50	62	0.01
C-533	M-line	C Phase	50	51	0.01
C-535	V-6 line	CT, A-Phase*	50	27	0.01
C-535	V-6 line	CT, C-Phase*	50	34	0.01
C-535	Z-line	Current T*	400	22	0.03
C-537	61	Grounding T	400	172	0.26
C-537	65	Grounding T	400	66	0.1
<b>Total</b>	<b>8</b>		<b>1,800</b>		<b>0.52</b>

\*Until retrofit activities are documented, these transformers will remain classified as PCB-contaminated based on previous concentrations greater than or equal to 50 ppm PCB.

Note: No PCB-contaminated transformers were removed from service in CY 2013.

**Table 9.4. PCB-Contaminated Electrical Equipment in Service as of December 31, 2013**

Building	Designation	Compartment	Volume (gal)	PCB Concentration (ppm)	PCB (kg)
C-315	SW-1	Tap Changer	112	100	0.04
C-533	36	Impeder	280	413	0.44
C-537	62	Impeder	280	113	0.12
C-537	63	Impeder	280	84	0.09
C-537	74	Impeder	280	84	0.09
C-720	M-6	Induction Voltage Regulator	750	100	0.28
<b>Total</b>	<b>6</b>		<b>1,982</b>		<b>1.06</b>

In addition, secondary bushings associated with transformers 3, 32, 33, 34, and 36 in C-533 and 66, 67, 68, 69, 71, and 72 in C-537 Switchyard are assumed to be PCB secondary bushings based on process knowledge and/or analytical data.

Note: No PCB bushings were removed from service in CY 2013.

**Table 9.5. PCB Large Capacitors in Service as of December 31, 2013**

<b>Building Location</b>	<b>12/31/12 Balance</b>	<b>2013 Adjustment</b>	<b>Adjusted Total</b>	<b>Capacitors Removed from Service in 2013</b>	<b>12/31/13 Balance</b>
C-331	45	45	45	0	0
C-333	93	93	93	0	0
C-335	34	34	34	0	0
C-337	96	96	96	0	0
<b>Total</b>	<b>268</b>	<b>268</b>	<b>268</b>	<b>0</b>	<b>0</b>

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## 10. PCB WASTE ACTIVITY

Table 10.1. PCB Waste Activity Summary for CY 2013

PCB Waste Items In Inventory	1/1/2013 Inventory		Net Changes <sup>1</sup>		Generated		Shipped for Disposal		12/31/2013 Inventory	
	pc	kg	pc	kg	pc	kg	pc	kg	pc	kg
<b>ARTICLES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
PCB Transformers (drained)	0	0	0	0	0	0	0	0	0	0
<b>ARTICLE CONTAINERS<sup>2</sup></b>	<b>13</b>	<b>6,555</b>	<b>-3</b>	<b>+937</b>	<b>4</b>	<b>1,251</b>	<b>1</b>	<b>1,465</b>	<b>13</b>	<b>7,278</b>
Capacitors, Large	2	2,972	0	0	0	0	0	0	2	2,972
Electrical Equipment	0	0	0	0	0	0	0	0	0	0
Light Ballasts	8	2,234	-3	-528	3	1,251	0	0	8	2,957
Misc. Equip (motors, pumps)	3	1,349	0	+1,465	0	0	1	1,465	2	1,349
PCB Transformers	0	0	0	0	0	0	0	0	0	0
Small Capacitors (< 3 lb)	0	0	0	0	1	0	0	0	1	0
<b>CONTAINERS</b>	<b>66</b>	<b>672,308</b>	<b>-14</b>	<b>-72,471</b>	<b>64</b>	<b>1,178,454</b>	<b>53</b>	<b>1,768,283</b>	<b>63</b>	<b>10,008</b>
Liquids <sup>3,4</sup>	17	1,148	-7	-69,308	30	73,740	15	1,792	25	3,788
Solids	49	671,160	-7	-3,163	34	1,104,714	38	1,766,491	38	6,220
<b>PCB REMEDIATION SOLIDS &lt; 49 MG/KG<sup>5</sup></b>	<b>2</b>	<b>36,597</b>	<b>0</b>	<b>0</b>	<b>256</b>	<b>2,176,122</b>	<b>198</b>	<b>2,155,302</b>	<b>60</b>	<b>57,417</b>
<b>TOTAL</b>	<b>81</b>	<b>715,460</b>	<b>-17</b>	<b>-71534</b>	<b>324</b>	<b>3,355,827</b>	<b>252</b>	<b>3,925,050</b>	<b>136</b>	<b>74,703</b>

pc = piece count; kg = kilogram (rounded to nearest whole number for the summaries)

<sup>1</sup> The Net Changes column includes adjustments because of repackaging (segregation/splits, consolidations), unrecorded items, on-site disposal, and weight corrections. Weights reported in this summary include the weight of the container (drum/box), except tanks/tankers.

<sup>2</sup> Article containers are drums or boxes of PCB transformers, PCB large capacitors, electrical equipment, PCB light ballasts, or PCB small capacitors.

<sup>3</sup> Portable (mobile) tanks are counted as containers.

<sup>4</sup> No bulk tankers were generated or shipped in 2013.

<sup>5</sup> Bulk PCB solids disposed of at the C-746-U Landfill, PGDP, Paducah, Kentucky.

Table 10-2. PCB Waste Inventory as of January 1, 2013

RFID	WasteID	PCB Item	Description	PCB Date	Physical	GrossWt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Facility	Source	Waste Cat
109221	109221-01	CS	GRANULAR ACTIVATED CARBON CANISTERS FROM NON-RCRA CARBON TREATMENT TRAIN. THIS TRAIN TREATED PCB REGULATED WATER.	12/1/11	SOLID	702	318.43	11.4	C-752-A	C-752-A	TM
109221	109221-02	CS	GRANULAR ACTIVATED CARBON CANISTERS FROM NON-RCRA CARBON TREATMENT TRAIN. THIS TRAIN TREATED PCB REGULATED WATER.	12/1/11	SOLID	702	318.43	11.4	C-752-A	C-752-A	TM
109221	109221-03	CS	GRANULAR ACTIVATED CARBON CANISTERS FROM NON-RCRA CARBON TREATMENT TRAIN. THIS TRAIN TREATED PCB REGULATED WATER.	12/1/11	SOLID	648	293.93	11.4	C-752-A	C-752-A	TM
109221	109221-04	CS	GRANULAR ACTIVATED CARBON CANISTERS FROM NON-RCRA CARBON TREATMENT TRAIN. THIS TRAIN TREATED PCB REGULATED WATER.	12/1/11	SOLID	696	315.71	11.4	C-752-A	C-752-A	TM
109253	109253-01	CS	PCB CONTAMINATED DEBRIS FROM DECON ACTIVITIES	6/19/12	SOLID	110	49.90	7.4	C-752-A	PGDP	TM
109454	109454-01	CS	POT HEADS WITH LEAD PIECES. RCRA ITEMS.	9/15/11	SOLID	2886	1309.09	90	C-752-A	C-410	RTM
109493	109493-01	CS	PCB SOLID DEBRIS - METALLIC, PLASTIC, PAPER	11/16/11	SOLID	3230	1465.13	96	NTS	C-340	TM
109528	109528-01	CL	WATER FROM DECONNING EQUIPMENT AT C-340. (PCB REMEDIATION WASTE)	3/5/12	LIQUID	1	0.45	160.42	C-752-A	C-340	TM
109551	109551-01	AC	PCB BALLASTS	4/25/12	SOLID	226	102.51	0.67	C-410	C-410	TM
109554	109554-01	CS	PCB REMEDIATION WASTE (ELECTRIC MOTOR, VACUUM, DRUMS, BUCKET, CAPACITORS, SAMPLES).	2/17/11	SOLID	2948	1337.21	90	NTS	C-410	TM
109574	109574-01	CS	VACUUM PIPE AND VERMICULITE, PLASTIC AND SAMPLE RETURNS.	6/26/12	SOLID	4342	1969.53	90	NTS	C-340	TM
109575	109575-01	CS	MAG FLUORIDE, YELLOWCAKE, PLASTIC AND DEBRIS	7/17/12	SOLID	110	49.90	7.4	C-752-A	C-340	TM
109589	109589-01	CL	HAZ / PCB OIL	8/16/12	LIQUID	22	9.98	0.67	DSSI	C-340	RTM
109689	109689-04	CS	PCB SPILL CLEANUP DEBRIS: RAGS, PADS, PLASTIC, PPE (COLLECTION DRUMS)	1/18/12	SOLID	116	52.62	7.4	C-746-Q	PGDP	TM
109692	109692-01	CS	PCB SPILL CLEANUP DEBRIS: RAGS, PADS, PLASTIC, PPE	1/26/12	SOLID	97	44.00	7.4	C-746-Q	PGDP	TM
109692	109692-02	CS	PCB SPILL CLEANUP DEBRIS: RAGS, PADS, PLASTIC, PPE	2/9/12	SOLID	123	55.79	7.4	C-746-Q	PGDP	TM
109692	109692-03	CS	PCB SPILL CLEANUP DEBRIS: RAGS, PADS, PLASTIC, PPE	2/9/12	SOLID	120	54.43	7.4	C-746-Q	PGDP	TM
109693	109693-01	CS	PCB SPILL CLEANUP DEBRIS: RAGS, PADS, PLASTIC, PPE	3/29/12	SOLID	140	63.50	7.4	C-746-Q	PGDP	TM
109693	109693-02	CS	PCB SPILL CLEANUP DEBRIS: RAGS, PADS, PLASTIC, PPE	5/9/12	SOLID	128	58.06	7.4	C-746-Q	PGDP	TM
109693	109693-03	CS	PCB SPILL CLEANUP DEBRIS: RAGS, PADS, PLASTIC, PPE	8/15/12	SOLID	124	56.25	7.4	C-746-Q	PGDP	TM
109693	109693-04	CS	PCB SPILL CLEANUP DEBRIS: RAGS, PADS, PLASTIC, PPE	10/2/12	SOLID	99	44.91	7.4	C-746-Q	PGDP	TM
109694	109694-01	CL	PCB VENTILATION DUCT OIL/WATER	8/1/12	LIQUID	417	189.15	7.4	DSSI	PGDP	RTM
109694	109694-02	CL	PCB VENTILATION DUCT OIL/WATER	8/17/11	LIQUID	442	200.49	7.4	DSSI	PGDP	RTM
109694	109694-03	CL	PCB VENTILATION DUCT OIL/WATER	12/5/12	LIQUID	187	84.82	7.4	C-746-Q	PGDP	RTM
109695	109695-01	CS	PCB SPILL CLEANUP DEBRIS: RAGS, PADS, PLASTIC, PPE.	10/3/12	SOLID	120	54.43	7.4	C-746-Q	PGDP	TM
109695	109695-02	CS	PCB SPILL CLEANUP DEBRIS: RAGS, PADS, PLASTIC, PPE.	11/15/12	SOLID	124	56.25	7.4	C-746-Q	PGDP	TM
115750	115750-01	CL	SOLVENT / PCB CONTAMINATED OIL (NON-RAD). GENERATED IN C 710 FROM ANALYSIS OF OIL. XYLENE, AND TOLUENE ARE PRESENT.	9/20/12	LIQUID	40	18.14	0.67	CLEANHARLA	C-710	RTN
115750	115750-02	CL	SOLVENT / PCB CONTAMINATED OIL (NON-RAD). GENERATED IN C 710 FROM ANALYSIS OF OIL. XYLENE, AND TOLUENE ARE PRESENT.	9/20/12	LIQUID	40	18.14	0.67	CLEANHARLA	C-710	RTN
115801	115801-01	CL	SOLVENT/PCB CONTAMINATED OIL. GENERATED IN C-710 FROM ANALYSIS OF OIL. XYLENE AND TOLUENE ARE PRESENT	9/20/12	LIQUID	42	19.05	0.67	CLEANHARLA	C-710	RTN
115801	115801-02	CL	SOLVENT/PCB CONTAMINATED OIL. GENERATED IN C-710 FROM ANALYSIS OF OIL. XYLENE AND TOLUENE ARE PRESENT	9/20/12	LIQUID	42	19.05	0.67	CLEANHARLA	C-710	RTN

Table 10.2. PCB Waste Inventory as of January 1, 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Physical	GrossWt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Facility	Source	Waste Cat
115808	115808-01	CS	F005 (TOLUENE) AND PCB CONTAMINATED PAPER TOWELS GENERATED DURING CLEANUP OF SPILL OF SOLVENT/OIL MIXTURE (SEE COMMENTS ON LOGSHEET). NO FREE LIQUIDS PRESENT. TOLUENE USED DURING ANALYSIS OF TRANSFORMER OILS. VERY SMALL VOLUME OF WASTE PRESENT IN DRUM.	10/19/12	SOLID	6	2.72	0.67	M&EC	C-710	RTM
115817	115817-01	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL, LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	38	17.24	7.4	C-337	C-337	TM
115817	115817-02	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL, LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	38	17.24	7.4	C-337	C-337	TM
115817	115817-03	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL, LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	38	17.24	7.4	C-337	C-337	TM
115817	115817-04	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL, LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	38	17.24	7.4	C-337	C-337	TM
115821	115821-01	CS	PCB/RCRA SOLIDS. MISCELLANEOUS LAB SOLIDS (THIMBLES, SODIUM SULFATE CONTAMINATED WITH METHYLENE CHLORIDE, TOWELS, GLOVES) FROM ANALYSIS OF MATERIAL MARKED AS PCB AND/OR RCRA BY SAMPLE OWNER	8/2/05	SOLID	17	7.71	0.67	PGDP	PGDP	RTM
115822	115822-01	CL	PCB/RCRA LIQUIDS. UNUSED SAMPLE PORTIONS FROM SAMPLING OF REF. 103220-01. LIQUIDS ARE RCRA AND PCB REGULATED.	2/9/00	LIQUID	9	4.08	0.67	C-710	C-710	RTM
115885	115885-03	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	12/5/12	LIQUID	439	199.13	7.4	DSSI	PGDP	RTM
117388	117388-01	CL	PCB/RCRA LIQUIDS FROM PC TEST KIT (BGOU TRIES) SWMU 4	11/7/12	LIQUID	22	9.98	0.67	DSSI	PGDP	RTM
118043	118043-01	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	11/15/12	SOLID	115320	52309.15	1850	ENERGYSOL	C-340	TM
118043	118043-02	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	11/16/12	SOLID	107960	48970.66	1850	ENERGYSOL	C-340	TM
118043	118043-03	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	11/27/12	SOLID	144440	65517.98	1850	ENERGYSOL	C-340	TM
118043	118043-04	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	11/28/12	SOLID	128760	58405.54	1850	ENERGYSOL	C-340	TM
118043	118043-05	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/3/12	SOLID	109780	49796.21	1850	ENERGYSOL	C-340	TM
118043	118043-06	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/7/12	SOLID	127500	57834.00	1850	ENERGYSOL	C-340	TM
118043	118043-07	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/6/12	SOLID	132420	60065.71	1850	ENERGYSOL	C-340	TM
118043	118043-08	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/11/12	SOLID	117940	53497.58	1850	ENERGYSOL	C-340	TM
118043	118043-09	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/12/12	SOLID	102560	46521.22	1850	ENERGYSOL	C-340	TM

Table 10.2. PCB Waste Inventory as of January 1, 2013 (Continued)

RFID	WasteID	PCB Item	Description	PCB Date	Physical	GrossWt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Facility	Source	Waste Cat
118043	118043-10	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/12/12	SOLID	105240	47736.86	1850	ENERGYSOL	C-340	TM
118043	118043-11	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/11/12	SOLID	101340	45967.82	1850	ENERGYSOL	C-340	TM
118043	118043-12	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/19/12	SOLID	142240	64520.06	1850	ENERGYSOL	C-340	TM
118083	118083-01	CS	ACM DEBRIS FROM C-340 CLEANUP (STEEL, PPE, PLASTIC, TRANSITE)	12/19/12	SOLID	19960	90553.86	686	ENERGYSOL	C-340	TM
118251	118251-01	AC	LEAKING PCB BALLASTS, LAMP SHADES, LIGHT BULBS	11/2/08	SOLID	168	76.20	7.4	C-752-A	C-752-A	RTM
118355	118355-01	CL	PCB TRANSFORMER OIL	10/5/09	LIQUID	676	306.63	7.4	CLEANHARLA	C-337	TN
118357	118357-01	AC	PCB BALLAST	11/2/08	SOLID	574	260.37	7.4	C-752-A	C-335	TM
118366	118366-01	AC	PCB BALLAST	11/2/08	SOLID	730	331.13	7.4	C-752-A	C-333	TM
118370	118370-01	CS	PLASTIC CONTAMINATED WITH PCB'S FROM GASKET SPILL IN C-310, USED AS A FLOOR BARRIER TO ALLOW WORK WITHIN GASKET SPILL AREA. ALSO CONTAINS ABSORBENT PADS AND MOP HEADS FROM PCB WORK IN C-331.	6/25/09	SOLID	89	40.37	7.4	C-746-Q	C-310	TM
118503	118503-01	AC	PCB BALLASTS	10/20/11	SOLID	786	356.53	7.4	C-752-A	C-337	TM
118509	118509-01	CS	PCB CONTAMINATED METAL (LIGHT SHADES)	4/28/10	SOLID	1216	551.58	90	C-746-Q	C-333	TM
118516	118516-01	CS	PCB CONTAMINATED SOLIDS FROM ELECTRICAL MAINTENANCE ACTIVITIES AND SPILL CLEANUP (RAGS, PPE, SHOE COVERS, PADS, GLOVES, APRON, RESPIRATOR CARTRIDGES, ETC.)	6/29/11	SOLID	161	73.03	7.4	C-746-Q	C-337	TM
118517	118517-01	CS	SOLID PCB WASTE (INCLUDES PPE, PLASTIC, PAPER, MAINTENANCE-DERIVED SOLIDS, SPILL CLEANUP SOLDS, ETC.) FROM DUCT WORK MAINTENANCE	3/6/12	SOLID	1	0.45	7.4	C-337	C-337	TM
118521	118521-01	CS	METAL CONTAMINATED WITH PCB'S (LIGHT FIXTURES, ETC.)	2/16/10	SOLID	1351	612.81	90	C-746-Q	C-335	TM
118528	118528-01	CS	PCB CONTAMINATED SOLIDS FROM WORK ASSOCIATED WITH BUILDING VENTILATION SYSTEM (GLOVES, APRON, PLIERS, SHOE COVERS, TYVEK, BELTS, RAGS)	6/2/11	SOLID	109	49.44	7.4	C-746-Q	C-337	TM
119260	119260-01	AC	PCB DOOR CLOSURES	2/17/11	SOLID	1	0.45	7.4	C-410	C-410	TM
119309	119309-01	AC	PCB CONTAMINATED METALS (LIGHT SHADES, EMPTY METAL BEAKERS)	3/29/11	SOLID	1660	752.98	90	C-331	C-331	TM
119318	119318-01	CS	PCB CONTAMINATED SOLIDS FROM ELECTRICAL MAINTENANCE ACTIVITIES IN C-337	9/19/11	SOLID	103	46.72	7.4	C-746-Q	C-337	TM
119320	119320-01	CS	PCB CONTAMINATED METAL. ITEMS REMOVED FROM C-337- UIC5 CONTROL CABINET, CONTAMINATED BY PCB GASKET SPILL 1941. (WRENCH, TUBING, SAMPLE VOC ADAPTOR)	5/19/11	SOLID	7	3.18	0.67	C-746-Q	C-337	TM
119353	119353-01	CS	PCB BALLASTS	8/8/11	SOLID	648	293.93	7.4	C-752-A	C-757	TM
119355	119355-02	AC	PCB CONTAMINATED LIGHT FIXTURES AND CAPACITORS	8/30/11	SOLID	342	155.13	7.4	USEC	C-727	TM
119357	119357-01	AC	PCB BALLASTS	11/28/11	SOLID	836	379.21	7.4	C-752-A	C-757	TM
119361	119361-01	AC	PCB CONTAMINATED METALS (LAMP SHADES, FUNNEL)	2/5/12	SOLID	1314	596.03	90	C-335	C-335	TM
119362	119362-01	CS	PCB CONTAMINATED EXHAUST FAN BELTS/PPE FROM WORK ASSOCIATED BUILDING VENTILATION SYSTEM	1/27/12	SOLID	88	39.92	7.4	C-752-A	C-337	TM
119363	119363-01	AC	PCB CONTAMINATED FLUORESCENT LIGHT BULB FIXTURES. CONTAMINATION RESULTS FROM RUPTURED PCB LIGHT BALLASTS	3/15/12	SOLID	1264	573.35	90	C-333	C-333	TM
119364	119364-01	CS	PCB CONTAMINATED METAL - LIGHT SHADES / FAN MOTOR	1/27/12	SOLID	2702	1225.63	90	C-752-A	C-337	TM

Table 10.2. PCB Waste Inventory as of January 1, 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Physical	GrossWt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Facility	Source	Waste Cat
119365	119365-01	CS	PLASTIC CONTAMINATED WITH PCBs FROM GASKET SPILL IN C-310. USED AS A FLOOR BARRIER TO ALLOW WORK WITHIN GASKET SPILL AREA.	3/7/12	SOLID	69	31.30	7.4	C-746-Q	C-310	TM
119366	119366-01	AC	WESTINGHOUSE 25 KVAR PCB CAPACITORS ORIGINATED FROM UNIT 3 CELL 6 A/B. NON-LEAKING/INTACT.	3/27/12	SOLID	4071	1846.61	90	C-752-A	C-337	TM
119366	119366-02	AC	WESTINGHOUSE 25 KVAR PCB CAPACITORS ORIGINATED FROM UNIT 3 CELL 6 A/B. NON-LEAKING/INTACT.	3/27/12	SOLID	2480	1124.93	90	C-752-A	C-337	TM
119368	119368-01	CS	PCB CONTAMINATED SOLIDS (PADS, PPE, PLASTIC). GENERATED DURING INSTRUMENT MAINTENANCE ACTIVITIES ON CONTROL CABINET CONTAMINATED BY PCB SPILL #1923.	9/6/12	SOLID	12	5.44	0.67	C-746-Q	C-335	TM
119373	119373-01	CS	RCRA LAB SOLIDS	10/12/05	SOLID	26	11.79	0.67	M&EC	C-710	RTM
118041	118041-01		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	39920	18107.71	540	C-746-U	C-410	S
118041	118041-02		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	40760	18488.74	540	C-746-U	C-410	S

2013 SUMMARY BEGINNING INVENTORY OF PCB WASTES											
ITEM COUNT					LB	KG	FT <sup>3</sup>				
0	A		ARTICLES		0	0	0				
13	AC		ARTICLE CONTAINERS		14,452	6,555	502				
17	CL		CONTAINERS - LIQUID *		2,531	1,148	232				
49	CS		CONTAINERS - SOLIDS**		1,479,630	671,160	23,719				
2			PCB REMEDIATION SOLIDS ***		262,227	36,597	25,533				
81			TOTAL 2013 BEGINNING INVENTORY		1,758,840	715,460	49,986				
			* INCLUDES PORTABLE TANKS								
			** INCLUDES BOXES, SHIPPING CONTAINERS AND RAILCARS								
			***PCB Remediation Solids < 49 MG/KG								

Table 10.3. Corrections and Adjustments to Previous Inventory

ADJ +1	ADJ -1	RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lbs)	KG	Net Vol (ft3)	Destination WID	CURRENT Facility	Source	Waste Cat	Comments
	-1	109695	109695-03	CS	PCB SPILL CLEANUP DEBRISP, RAGS, PADS, PLASTIC, PPE.	11/15/12	SOLID	1	0.5	7.4		C-746-Q	PGDP	TM	
	-1	119424	119424-02		ACM, DEBRIS, PPE		SOLID	4420	2005	540		C-746-U	C-340	S	
1		109454	109454-01	CS	POT HEADS WITH LEAD PIECES, RCRA ITEMS.	9/15/11	SOLID	2886	1309	90		C-752-A	C-410	RTM	
1		109551	109551-01	AC	PCB BALLASTS	4/25/12	SOLID	1	0.5	0.67		C-410	C-410	TM	
1		109554	109554-01	CS	PCB REMEDIATION WASTE (ELECTRIC MOTOR, VACUUM, DRUMS, BUCKET, CAPACITORS, SAMPLES).	2/17/11	SOLID	2948	1337	90	119260-01	NTS	C-410	TM	
		115808	115808-01	CS	F005 (TOLUENE) AND PCB CONTAMINATED PAPER TOWELS GENERATED DURING CLEANUP OF SPILL OF SOLVENT/OIL MIXTURE (SEE COMMENTS ON LOGSHEET). NO FREE LIQUIDS PRESENT. TOLUENE USED DURING ANALYSIS OF TRANSFORMER OILS. VERY SMALL VOLUME OF WASTE PRESENT IN DRUM.	10/19/12	SOLID	6	3	0.67		M&EC	C-710	RTM	
1		115817	115817-01	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL, LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	1	0.5	7.4		C-337	C-337	TM	
1		115817	115817-02	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL, LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	1	0.5	7.4		C-337	C-337	TM	
1		115817	115817-03	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL, LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	1	0.5	7.4		C-337	C-337	TM	
1		115817	115817-04	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL, LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	1	0.5	7.4		C-337	C-337	TM	

Table 10.3. Corrections and Adjustments to Previous Inventory (Continued)

ADJ	ADJ	RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lbs)	KG	Net Vol (ft3)	Destination WID	CURRENT Facility	Source	Waste Cat	Comments
+1	1	115821	115821-01	CS	PCB/RCRA SOLIDS. MISCELLANEOUS LAB SOLIDS (THIMBLES, SODIUM SULFATE CONTAMINATED WITH METHYLENE CHLORIDE, TOWELS, GLOVES) FROM ANALYSIS OF MATERIAL MARKED AS PCB AND/OR RCRA BY SAMPLE OWNER	8/2/05	SOLID	1	0.5	0.67		PGDP	PGDP	RTM	
1		115822	115822-01	CL	PCB/RCRA LIQUIDS. UNUSED SAMPLE PORTIONS FROM SAMPLING OF RFD 103220-01. LIQUIDS ARE RCRA AND PCB REGULATED.	2/9/00	LIQUID	1	0.5	0.67		C-710	C-710	RTM	
1		115885	115885-03	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	12/5/12	LIQUID	439	199	7.4	109694-03	DSSI	PGDP	RTM	
1		118083	118083-01	CS	ACM DEBRIS FROM C-340 CLEANUP (STEEL, PPE, PLASTIC, TRANSITE)	12/19/12	SOLID	19960	9054	686		ENERGYSOL	C-340	TM	
1		118251	118251-01	AC	LEAKING PCB BALLASTS, LAMP SHADES, LIGHT BULBS	11/2/08	SOLID	168	76	7.4	119353-01	C-752-A	C-752-A	RTM	
1		118366	118366-01	AC	PCB BALLAST	11/2/08	SOLID	730	331	7.4	118357-01	C-752-A	C-333	TM	
1		118517	118517-01	CS	SOLID PCB WASTE (INCLUDES PPE, PLASTIC, PAPER, MAINTENANCE-DERIVED SOLIDS, SPILL CLEANUP SOLDS, ETC.) FROM DUCT WORK MAINTENANCE	3/6/12	SOLID	1	0.5	7.4		C-337	C-337	TM	
1		119260	119260-01	AC	PCB DOOR CLOSURES	2/17/11	SOLID	1	0.5	7.4	119260-01	C-410	C-410	TM	
1		119309	119309-01	AC	PCB CONTAMINATED METALS (LIGHT SHADES, EMPTY METAL BEAKERS)	3/29/11	SOLID	1	0.5	90		C-331	C-331	TM	
1		119361	119361-01	AC	PCB CONTAMINATED METALS (LAMP SHADES, FUNNEL)	2/5/12	SOLID	1	0.5	90		C-335	C-335	TM	
1		119363	119363-01	AC	PCB CONTAMINATED FLUORESCENT LIGHT BULB FIXTURES. CONTAMINATION RESULTS FROM RUPTURED PCB LIGHT BALLASTS	3/15/12	SOLID	1	0.5	90		C-333	C-333	TM	
1		119364	119364-01	CS	PCB CONTAMINATED METAL - LIGHT SHADES / FAN MOTOR	1/27/12	SOLID	2702	1226	90		C-752-A	C-337	TM	
1		119373	119373-01	CS	RCRA LAB SOLIDS	10/12/05	SOLID	26	12	0.67		M&EC	C-710	RTM	

22 -2 = 20

ADJ -	NET	
0	CHANGE	
7	0	A ARTICLES
6	7	AC ARTICLE CONTAINERS
8	6	CL CONTAINERS OF LIQUIDS
21	7	CS CONTAINERS OF SOLIDS
-1	20	TOTAL NET CHANGE

Table 10.4. PCB Wastes Generated in 2013

RFD	WasteID	PCB Item	Description	PCB Date	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Physical	Facility	Source	Waste Cat	Status
109454	109454-01	CS	POT HEADS WITH LEAD PIECES. RCRA ITEMS.	9/15/11	2886	1309	90	SOLID	ENERGYSOL	C-410	RTM	SHIPPED
109695	109695-03	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE.	2/20/13	108	49	7.4	SOLID	C-746-Q	PCGDP	TM	STORED
109696	109696-01	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	4/21/13	108	49	7.4	SOLID	C-746-Q	PCGDP	TM	STORED
109696	109696-02	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	7/17/13	138	63	7.4	SOLID	C-746-Q	PCGDP	TM	STORED
109696	109696-03	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	12/11/13	110	50	7.4	SOLID	C-746-Q	PCGDP	TM	STORED
115809	115809-01	CS	PCB CONTAMINATED SOLIDS (PLASTIC, PPE). GENERATED DURING ELECTRICAL MAINTENANCE WORK INSIDE SPILL AREA FOR PCB1958. PLASTIC PLACED OVER SPILL AREA TO ACCESS ELECTRICAL EQUIPMENT.	2/27/13	82	37	7.4	SOLID	C-752-A	C-340	TM	STORED
115811	115811-01	CS	SOLID RESIDUALS / UNUSED SAMPLE PORTIONS FROM VARIOUS DOE PROJECTS. 28 BOTTLES TOTAL (SEE ATTACHED LOGSHEET). PCB'S AND RCRA METALS ARE PRESENT	5/7/13	24	11	0.67	SOLID	M&EC	C-411	RTM	SHIPPED
115813	115813-01	CL	PCB OIL AND SOLVENTS (XYLENE AND TOLUENE) FROM ANALYSIS OF TRANSFORMER OIL.	5/31/13	40	18	0.67	LIQUID	CLEANHARLA	C-710	RTN	SHIPPED
115816	115816-01	CS	PCB CONTAMINATED SOLID RESIDUALS / UNUSED SAMPLE PORTIONS FROM VARIOUS DOE PROJECTS. 18 BOTTLES TOTALS (SEE ATTACHED LOGSHEET)	5/3/13	16	7	0.67	SOLID	C-752-A	C-411	TM	STORED
115818	115818-01	CL	SOLVENT-OIL MIXTURE. CONTAINS TRANSFORMER OIL (PCB) PLU TOLUENE (F005) AND XYLENE (F003) FROM EXTRACTIIONS. SOLUTION IS RCRA IGNITABLE (D001)	9/19/13	41	19	0.67	LIQUID	C-733	C-710	RTM	STORED
115821	115821-01	CS	PCB/RCRA SOLIDS. MISCELLANEOUS LAB SOLIDS (THIMBLES, SODIUM SULFATE CONTAMINATED WITH METHYLENE CHLORIDE, TOWELS, GLOVES) FROM ANALYSIS OF MATERIAL MARKED AS PCB AND/OR RCRA BY SAMPLE OWNER	8/2/05	17	8	0.67	SOLID	C-733	PCGDP	RTM	STORED
115822	115822-01	CL	PCB/RCRA LIQUIDS. UNUSED SAMPLE PORTIONS FROM SAMPLING OF RFD 103220-01. LIQUIDS ARE RCRA AND PCB REGULATED.	11/25/13	9	4	0.67	LIQUID	C-733	C-710	RTM	STORED
115885	115885-01	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	1/3/13	430	195	7.4	LIQUID	DSSI	PCGDP	RTM	SHIPPED
115885	115885-02	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	3/13/13	411	186	7.4	LIQUID	DSSI	PCGDP	RTM	SHIPPED
115885	115885-04	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	6/5/13	435	197	7.4	LIQUID	DSSI	PCGDP	RTM	SHIPPED
115885	115885-05	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	6/19/13	454	206	7.4	LIQUID	DSSI	PCGDP	RTM	SHIPPED
115898	115898-01	CS	TSCA MIXED SAMPLE RETURNS FROM SWRI	5/1/13	18	8	0.67	SOLID	C-752-A	C-752-A	TM	STORED
115899	115899-01	CS	RCRA/TSCA MIXED SAMPLE RETURNS FROM SWRI	5/1/13	14	6	0.67	SOLID	M&EC	C-752-A	RTM	SHIPPED
118043	118043-13	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/4/13	100660	45659	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-14	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/8/13	105420	47819	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-15	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/9/13	108160	49061	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-16	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/11/13	159620	72404	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-17	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/14/13	132380	60048	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-18	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/14/13	126400	57335	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-19	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/13/13	191380	86810	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-20	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/14/13	182280	82682	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-21	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/19/13	172420	78210	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-22	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/19/13	163300	74073	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-23	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/26/13	141600	64230	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-24	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/26/13	157890	71619	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-25	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	3/19/13	155660	70607	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-26	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	3/15/13	164060	74418	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-27	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	3/22/13	178840	81122	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118043	118043-28	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	3/22/13	164682	74700	1850	SOLID	ENERGYSOL	C-340	TM	SHIPPED



Table 10.4. PCB Wastes Generated in 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Physical	Facility	Source	Waste Cat	Status
118094	118094-01	CL	DECON WATER GENERATED FROM LVI EQUIPMENT	3/6/13	24186	10971	401.04	LIQUID	C-752-A	C-340	TM	REPACK-TRM
118094	118094-02	CL	DECON WATER GENERATED FROM LVI EQUIPMENT	3/22/13	24603	11160	401.04	LIQUID	C-752-A	C-340	TM	REPACK-TRM
118094	118094-03	CL	DECON WATER GENERATED FROM LVI EQUIPMENT	4/15/13	25020	11349	401.04	LIQUID	C-752-A	C-340	TM	REPACK-TRM
118094	118094-04	CL	DECON WATER GENERATED FROM LVI EQUIPMENT	4/30/13	4170	1892	401.04	LIQUID	C-752-A	C-340	TM	REPACK-TRM
118095	118095-01	CL	FRACK TANK OF PCB WATER FORM PITS @ C-340	3/27/13	75060	34047	1336.8	LIQUID	C-340	C-340	TM	REPACK-TRM
118108	118108-01	CS	ACM HEATER BOX	4/25/13	4560	2068	242	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118110	118110-01	CS	CONVEYOR AND PPE, BAG OF YELLOWCAKE	4/22/13	3168	1437	90	SOLID	NTS	C-340	TM	SHIPPED
118120	118120-01	CS	SPILL CLEANUP DEBRIS (GRAVEL/PADS) FROM C-400 FRAC TANK	10/21/13	38	17	0.67	SOLID	C-752-A	C-400	TM	SHIPPED
118127	118127-01	CS	LLW, PCB REMEDIATION DEBRIS (PLASTIC, WOOD, METAL, PPE)	7/30/13	19080	8655	686	SOLID	ENERGYSOL	C-340	TM	SHIPPED
118230	118230-01	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	7/24/13	426	193	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118230	118230-02	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	7/24/13	435	197	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118230	118230-03	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	8/7/13	425	193	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118230	118230-04	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	5/1/13	446	202	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118230	118230-05	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	10/2/13	408	185	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118230	118230-06	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	10/8/13	444	201	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118230	118230-07	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	10/8/13	442	200	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118230	118230-08	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	10/16/13	428	194	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118230	118230-09	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	11/19/13	452	205	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118230	118230-10	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/18/13	454	206	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118233	118233-01	CS	PCB/RAD FILTERS/ ABSORBENT/ PPE GENERATED FROM CARBITROL WASTE WATER TREATMENT SYSTEM	8/5/13	160	73	7.4	SOLID	C-752-A	C-752-A	TM	STORED
118234	118234-01	AC	PCB/RAD SMALL CAPACITOR REMOVED FROM 119366-02. ORIGINALLY REMOVED FROM 109232-01.	4/17/13	1	0	0.67	SOLID	C-752-A	C-752-A	TM	STORED
118251	118251-01	AC	LEAKING PCB BALLASTS, LAMP SHADES, LIGHT BULBS	11/2/08	168	76	7.4	SOLID	C-752-A	C-752-A	RTM	STORED
118257	118257-01	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/30/13	460	209	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118257	118257-02	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/30/13	452	205	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118303	118303-01	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/23/13	432	196	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118303	118303-02	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/23/13	438	199	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118303	118303-03	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/23/13	442	200	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118303	118303-04	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/26/13	468	212	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118303	118303-05	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/26/13	438	199	7.4	LIQUID	C-746-Q	PGDP	RTM	STORED
118366	118366-01	AC	PCB BALLAST	11/12/08	730	331	7.4	SOLID	CLEANHARLA	C-333	TN	SHIPPED
119208	119208-01	CL	PCB OIL	11/6/13	216	98	7.4	LIQUID	C-752-A	C-410	RTM	STORED
119324	119324-01	AC	PCB CONTAMINATED METAL, FLUORESCENT LIGHT FIXTURES / SHADES, CONTAMINATION RESULTS FROM RUPTURED PCB LIGHT BALLAST.	2/4/13	1860	844	90	SOLID	C-752-A	C-337	TM	STORED
119373	119373-01	CS	RCRA LAB SOLIDS	10/12/05	26	12	0.67	SOLID	M&EC	C-710	RTM	SHIPPED
119396	119396-01	CS	PCB CONTAMINATED VALVES, PIPING, FILTERS, HOSES, PADS FROM WASTEWATER TREATMENT ACTIVITIES	4/25/13	132	60	7.4	SOLID	C-752-A	C-752-A	TM	STORED
115876	115876-01		CONCRETE, RE-BAR AND DEBRIS FROM REMOVAL OF REMAINING LOADING DOCK LOCATED AT THE C-400 BUILDING		9920	4500	540	SOLID	C-746-U	C-400	S	DISPOSED
115876	115876-02		CONCRETE, RE-BAR AND DEBRIS FROM REMOVAL OF REMAINING LOADING DOCK LOCATED AT THE C-400 BUILDING		21220	9625	540	SOLID	C-746-U	C-400	S	DISPOSED
116985	116985-056		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		43580	19768	540	SOLID	C-746-U	C-340	S	DISPOSED
116985	116985-057		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		44880	20358	540	SOLID	C-746-U	C-340	S	DISPOSED
116985	116985-058		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		47840	21700	540	SOLID	C-746-U	C-340	S	DISPOSED
116985	116985-059		PCB REMEDIATION DEBRIS - DEMOLITION DEBRIS FROM C BUILDING		50940	23106	540	SOLID	C-746-U	C-340	S	DISPOSED
116985	116985-060		PCB REMEDIATION DEBRIS - DEMOLITION DEBRIS FROM C BUILDING		52480	23805	540	SOLID	C-746-U	C-340	S	DISPOSED
116985	116985-061		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		52780	23941	540	SOLID	C-746-U	C-340	S	DISPOSED
116985	116985-062		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		58360	26472	540	SOLID	C-746-U	C-340	S	DISPOSED
116985	116985-063		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		47040	21337	540	SOLID	C-746-U	C-340	S	DISPOSED
116985	116985-064		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		44700	20276	540	SOLID	C-746-U	C-340	S	DISPOSED
116985	116985-065		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		46120	20920	540	SOLID	C-746-U	C-340	S	DISPOSED

Table 10.4. PCB Wastes Generated in 2013 (Continued)

RFID	WasteID	PCB Item	Description	PCB Date	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Physical	Facility	Source	Waste Cat	Status
116985	116985-066		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		46760	21210	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-067		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		47360	21482	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-068		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		49580	22489	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-069		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		57700	26173	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-070		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		60820	27588	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-071		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		77220	35027	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-072		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		72260	32777	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-073		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		69100	31344	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-074		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		63960	29012	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-075		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		69700	31616	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-076		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		69800	31661	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-077		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		72920	33077	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-078		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		53660	24340	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-079		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		52220	23687	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-080		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		51380	23306	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-081		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		53560	24295	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-082		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		52500	23814	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-083		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		53260	24159	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-084		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		56180	25483	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-085		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		53480	24259	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-086		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		55180	25030	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-087		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		52620	23868	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-088		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		54120	24549	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-089		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		54720	24821	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-090		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		56400	25583	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-091		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		55420	25139	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-092		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		53340	24195	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-093		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		60580	27479	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-094		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		60580	27479	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-095		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		57640	26146	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-096		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		23300	10569	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-097		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		24180	10968	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-098		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		25196	11429	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-099		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		24720	11213	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-100		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		30200	13699	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-101		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		27660	12547	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-102		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		28916	13116	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-103		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		28260	12819	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-104		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		22360	10142	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-105		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		29760	13499	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-106		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		33767	15317	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-107		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		25840	11721	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-108		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		19196	8707	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-109		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		22940	10406	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-110		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		25896	11746	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-111		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		23236	10540	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-112		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		25620	11621	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-113		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		21956	9959	540 SOLID	C-746-U	C-340		S	DISPOSED
116985	116985-114		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		24636	11175	540 SOLID	C-746-U	C-340		S	DISPOSED

Table 10.4. PCB Wastes Generated in 2013 (Continued)

RFID	WasteID	PCB Item	Description	PCB Date	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Physical	Facility	Source	Waste Cat	Status
116985	116985-115		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		28400	12882	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-116		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		28520	12937	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-117		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		23896	10839	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-118		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		17736	8045	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-119		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		20960	9507	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-120		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		21436	9723	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-121		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		26300	11930	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-122		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		32420	14706	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-123		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		21936	9950	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-124		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		29140	13218	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-125		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		27700	12565	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-126		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		29796	13515	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-127		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		34240	15531	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-128		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		28040	12719	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-129		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		36596	16600	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-130		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		28360	12864	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-131		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		46900	21274	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-132		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		44196	20047	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-133		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		44860	20348	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-134		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		38040	17255	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-135		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		42276	19176	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-136		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		38036	17253	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-137		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		38796	17598	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-138		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		37576	17044	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-139		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		40620	18425	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-140		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		43340	19659	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-141		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		46660	21165	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-142		BUILDING DEBRIS INCLUDING STEEL, CONCRETE, WOOD AND PPE		14436	6548	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-143		BUILDING DEBRIS INCLUDING STEEL, CONCRETE, WOOD AND PPE		48080	21809	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-144		BUILDING DEBRIS INCLUDING STEEL, CONCRETE, WOOD AND PPE		9200	4173	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-145		BUILDING DEBRIS INCLUDING STEEL, CONCRETE, WOOD AND PPE		7840	3556	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-146		DEBRIS FROM C-340 BUILDING D&D		23300	10569	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-147		DEBRIS FROM C-340 BUILDING D&D		57900	26263	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-148		DEBRIS FROM C-340 BUILDING D&D		64880	29430	540 SOLID	C-746-U	C-340	\$		DISPOSED
116985	116985-149		DEBRIS FROM C-340 BUILDING D&D		41940	19024	540 SOLID	C-746-U	C-340	\$		DISPOSED
116991	116991-01		SOIL, CONCRETE, PPE, PLASTIC AND DEBRIS FROM C-400 PHASE IIA PROJECT - ORIGINAL WIDS 117426-23 THRU 117426-27.		76220	34573	686 SOLID	C-746-U	C-400	\$		DISPOSED
116991	116991-02		SOIL, CONCRETE, PPE, PLASTIC AND DEBRIS FROM C-400 PHASE IIA PROJECT - ORIGINAL WIDS 117426-23 THRU 117426-27.		71960	32641	686 SOLID	C-746-U	C-400	\$		DISPOSED
116991	116991-03		SOIL, CONCRETE, PPE, PLASTIC AND DEBRIS FROM C-400 PHASE IIA PROJECT - ORIGINAL WIDS 117426-23 THRU 117426-27.		78860	35771	686 SOLID	C-746-U	C-400	\$		DISPOSED
116991	116991-04		SOIL, CONCRETE, PPE, PLASTIC AND DEBRIS FROM C-400 PHASE IIA PROJECT - ORIGINAL WIDS 117426-23 THRU 117426-27.		73500	33340	686 SOLID	C-746-U	C-400	\$		DISPOSED
116991	116991-05		SOIL, CONCRETE, PPE, PLASTIC AND DEBRIS FROM C-400 PHASE IIA PROJECT - ORIGINAL WIDS 117426-23 THRU 117426-27.		77020	34936	686 SOLID	C-746-U	C-400	\$		DISPOSED
118041	118041-03		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		40480	18362	540 SOLID	C-746-U	C-410	\$		DISPOSED
118041	118041-04		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		40660	18443	540 SOLID	C-746-U	C-410	\$		DISPOSED
118041	118041-05		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		40700	18462	540 SOLID	C-746-U	C-410	\$		DISPOSED
118041	118041-06		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	10 SOLID	C-746-U	C-410	\$		DISPOSED
118041	118041-07		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	10 SOLID	C-746-U	C-410	\$		DISPOSED
118041	118041-08		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	10 SOLID	C-746-U	C-410	\$		DISPOSED
118041	118041-09		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	10 SOLID	C-746-U	C-410	\$		DISPOSED



Table 10.4. PCB Wastes Generated in 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Physical	Facility	Source	Waste Cat	Status
118041	118041-144		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		698	317	32	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-145		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		698	317	32	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-15		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-16		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-17		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-18		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-19		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	35	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-20		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-21		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		784	356	35	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-22		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		1290	585	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-23		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		1290	585	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-24		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		1290	585	10	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-25		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		1290	585	10	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-26		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		1290	585	10	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-27		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		1290	585	10	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-28		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		38480	17455	540	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-29		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		783	355	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-30		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		43060	19532	540	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-31		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		783	355	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-32		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	20	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-33		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-34		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	20	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-35		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-36		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		873	396	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-37		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		783	355	20	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-38		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	20	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-39		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-40		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-41		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-42		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-43		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-44		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-45		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		783	355	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-46		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-47		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	35	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-48		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		783	355	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-49		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-50		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	15	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-51		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	15	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-52		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-53		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		783	355	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-54		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-55		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-56		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		890	404	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-57		TRANSITE SHEETS		14800	6713	32	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-58		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-59		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-60		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-61		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	12	SOLID	C-746-U	C-410	S	DISPOSED

Table 10.4. PCB Wastes Generated in 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Physical	Facility	Source	Waste Cat	Status
118041	118041-62		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		865	392	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-63		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-64		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		865	392	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-65		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-66		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-67		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-68		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-69		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-70		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		865	392	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-71		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		865	392	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-72		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		865	392	12	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-73		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		865	392	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-74		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		865	392	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-75		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-76		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		865	392	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-77		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-78		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-79		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-80		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-81		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-82		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-83		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-84		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-85		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		845	383	24	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-86		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		39480	17908	540	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-87		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		1050	476	40	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-88		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		1050	476	40	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-89		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		1050	476	40	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-90		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		1040	472	32	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-91		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		950	431	25	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-92		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		480	218	35	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-93		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		754	342	50	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-94		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		754	342	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-95		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		480	218	35	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-96		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		754	342	30	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-97		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		39780	18044	540	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-98		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		698	317	27	SOLID	C-746-U	C-410	S	DISPOSED
118041	118041-99		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		2015	914	70	SOLID	C-746-U	C-340	S	DISPOSED
119423	119423-49		TRANSITE PANELS		2015	914	35	SOLID	C-746-U	C-340	S	DISPOSED
119423	119423-50		TRANSITE PANELS		2015	914	50	SOLID	C-746-U	C-340	S	DISPOSED
119423	119423-51		TRANSITE PANELS		2015	914	50	SOLID	C-746-U	C-340	S	DISPOSED
119424	119424-02		ACM, DEBRIS, PPE		41080	18634	540	SOLID	C-746-U	C-340	S	DISPOSED
119424	119424-03		ACM, DEBRIS, PPE		3562	1616	96	SOLID	C-746-U	C-340	S	DISPOSED
119424	119424-04		ACM, DEBRIS, PPE		3924	1780	96	SOLID	C-746-U	C-340	S	DISPOSED
119424	119424-05		ACM, DEBRIS, PPE		4122	1870	96	SOLID	C-746-U	C-340	S	DISPOSED
119424	119424-06		ACM, DEBRIS, PPE		4489	2036	96	SOLID	C-746-U	C-340	S	DISPOSED
119424	119424-07		ACM, DEBRIS, PPE		4518	2049	96	SOLID	C-746-U	C-340	S	DISPOSED
119424	119424-08		ACM, DEBRIS, PPE		2776	1259	51	SOLID	C-746-U	C-340	S	DISPOSED

Table 10.4. PCB Wastes Generated in 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Physical	Facility	Source	Waste Cat	Status
119424	119424-09	ACM, DEBRIS, PPE			19340	8773	165	SOLID	C-746-U	C-340	S	DISPOSED

2013 SUMMARY OF PCB WASTE GENERATED									
ITEM COUNT				LB	KG	FT <sup>3</sup>			
0	A	ARTICLES		0	0	0			
4	AC	ARTICLE CONTAINERS		2,759	1,251	105			
30	CL	CONTAINERS—LIQUID*		162,565	73,740	3,105			
34	CS	CONTAINERS—SOLIDS**		2,435,437	1,104,714	30,765			
256		PCB REMEDIATION SOLIDS ***		4,797,447	2,176,122	64,159			
324		TOTAL 2013 GENERATED		7,598,208	3,355,827	98,134			
		*Includes Portable Tanks							
		**Includes boxes, shipping containers, and railcars							
		***PCB Remediation Solids < 49 MG/KG							

**Table 10.5. PCB Waste Received from Off-Site Facilities in 2013**

No PCB waste was received from off-site facilities. Information was provided by the DOT group in the Waste Disposition functional group.



Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2013

RFID	WasteID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Manifest	Ship Date	Ship Location	Source	Waste Cat.
109493	109493-01	AC	PCB SOLID DEBRIS - METALLIC, PLASTIC, PAPER	11/16/11	SOLID	3230	1465	96.006841658		08/19/2013	NTS	C-340	TM
109554	109554-01	CS	PCB REMEDIATION WASTE (ELECTRIC MOTOR, VACUUM, DRUMS, BUCKET, CAPACITORS, SAMPLES).	2/17/11	SOLID	2948	1337	90.006841665		11/18/2013	NTS	C-410	TM
109574	109574-01	CS	VACUUM PIPE AND VERMICULITE, PLASTIC AND SAMPLE RETURNS.	6/26/12	SOLID	4342	1970	90.006841658		08/19/2013	NTS	C-340	TM
109589	109589-01	CL	HAZ / PCB OIL	8/16/12	LIQUID	22	10	0.67006841653		05/16/2013	DSSI	C-340	RTM
109694	109694-01	CL	PCB VENTILATION DUCT OIL/WATER	8/17/11	LIQUID	417	189	7.4006841653		05/16/2013	DSSI	PGDP	RTM
109694	109694-02	CL	PCB VENTILATION DUCT OIL/WATER	8/17/11	LIQUID	442	200	7.4006841653		05/16/2013	DSSI	PGDP	RTM
115750	115750-01	CL	SOLVENT / PCB CONTAMINATED OIL (NON-RAD), GENERATED IN C-710 FROM ANALYSIS OF OIL. XYLENE, AND TOLUENE ARE PRESENT.	9/20/12	LIQUID	40	18	0.67006894419		08/16/2013	CLEANHARLA	C-710	RTN
115750	115750-02	CL	SOLVENT / PCB CONTAMINATED OIL (NON-RAD), GENERATED IN C-710 FROM ANALYSIS OF OIL. XYLENE, AND TOLUENE ARE PRESENT.	9/20/12	LIQUID	40	18	0.67006894419		08/16/2013	CLEANHARLA	C-710	RTN
115801	115801-01	CL	SOLVENT/PCB CONTAMINATED OIL, GENERATED IN C-710 FROM ANALYSIS OF OIL. XYLENE AND TOLUENE ARE PRESENT.	9/20/12	LIQUID	42	19	0.67006894419		08/16/2013	CLEANHARLA	C-710	RTN
115801	115801-02	CL	SOLVENT/PCB CONTAMINATED OIL, GENERATED IN C-710 FROM ANALYSIS OF OIL. XYLENE AND TOLUENE ARE PRESENT.	9/20/12	LIQUID	42	19	0.67006894419		08/16/2013	CLEANHARLA	C-710	RTN
115808	115808-01	CS	F005 (TOLUENE) AND PCB CONTAMINATED PAPER TOWELS GENERATED DURING CLEANUP OF SPILL OF SOLVENT/OIL MIXTURE (SEE COMMENTS ON LOGSHEET). NO FREE LIQUIDS PRESENT. TOLUENE USED DURING ANALYSIS OF TRANSFORMER OILS. VERY SMALL VOLUME OF WASTE PRESENT IN DRUM.	10/19/12	SOLID	6	3	0.67006841664		10/10/2013	M&EC	C-710	RTM
115811	115811-01	CS	SOLID RESIDUALS / UNUSED SAMPLE PORTIONS FROM VARIOUS DOE PROJECTS. 28 BOTTLES TOTAL (SEE ATTACHED LOGSHEET). PCB'S AND RCRA METALS ARE PRESENT.	5/7/13	SOLID	24	11	0.67006841664		10/10/2013	M&EC	C-411	RTM
115813	115813-01	CL	PCB OIL AND SOLVENTS (XYLENE AND TOLUENE) FROM ANALYSIS OF TRANSFORMER OIL.	5/31/13	LIQUID	40	18	0.67006894419		08/16/2013	CLEANHARLA	C-710	RTN
115885	115885-01	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	1/3/13	LIQUID	430	195	7.4006841668		10/10/2013	DSSI	PGDP	RTM
115885	115885-02	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	3/13/13	LIQUID	411	186	7.4006841668		10/10/2013	DSSI	PGDP	RTM
115885	115885-03	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	12/5/12	LIQUID	439	199	7.4006841668		10/10/2013	DSSI	PGDP	RTM
115885	115885-04	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	6/5/13	LIQUID	435	197	7.4006841668		10/10/2013	DSSI	PGDP	RTM
115885	115885-05	CL	PCB VENTILATION DUCT OIL/WATER COLLECTION DRUM	6/19/13	LIQUID	454	206	7.4006841668		10/10/2013	DSSI	PGDP	RTM
115899	115899-01	CS	RCRA TSCA MIXED SAMPLE RETURNS FROM SWRI	5/17/12	SOLID	14	6	0.67006841664		10/10/2013	M&EC	C-752-A	RTM
117388	117388-01	CL	PCB/RCRA LIQUIDS FROM PC TEST KIT (BGOU TRIFS) SWMU 4	11/7/12	LIQUID	22	10	0.67006841668		10/10/2013	DSSI	PGDP	RTM
118043	118043-01	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	11/15/12	SOLID	115520	52309	1850.006841625		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-02	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	11/16/12	SOLID	107960	48971	1850.006841626		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-03	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	11/27/12	SOLID	144440	65518	1850.006841627		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-04	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	11/28/12	SOLID	128760	58406	1850.006841628		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-05	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/3/12	SOLID	109780	49796	1850.006841629		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-06	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/7/12	SOLID	127500	57834	1850.006841630		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-07	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/6/12	SOLID	132420	60066	1850.006841631		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-08	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/11/12	SOLID	117940	53498	1850.006841632		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-09	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/12/12	SOLID	102560	46521	1850.006841633		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-10	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/12/12	SOLID	105240	47737	1850.006841634		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-11	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/11/12	SOLID	101340	45968	1850.006841635		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-12	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	12/19/12	SOLID	142240	64520	1850.006841636		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-13	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/4/13	SOLID	100660	45659	1850.006841637		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-14	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/8/13	SOLID	105420	47819	1850.006841638		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-15	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/9/13	SOLID	108160	49061	1850.006841639		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-16	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/11/13	SOLID	159620	72404	1850.006841640		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-17	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/14/13	SOLID	132380	60048	1850.006841641		07/18/2013	ENERGY SOL	C-340	TM
118043	118043-18	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	1/14/13	SOLID	126400	57335	1850.006841642		07/18/2013	ENERGY SOL	C-340	TM

Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2013 (Continued)

RFID	WasteID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Manifest	Ship Date	Ship Location	Source	Waste Cat
118043	118043-19	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/13/13	SOLID	191380	86810	1850	006841643	07/18/2013	ENERGY SOL	C-340	TM
118043	118043-20	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/14/13	SOLID	182280	82682	1850	006841644	07/18/2013	ENERGY SOL	C-340	TM
118043	118043-21	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/19/13	SOLID	172420	78210	1850	006841645	07/18/2013	ENERGY SOL	C-340	TM
118043	118043-22	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/19/13	SOLID	163300	74073	1850	006841646	07/18/2013	ENERGY SOL	C-340	TM
118043	118043-23	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/26/13	SOLID	141600	64230	1850	006841647	07/18/2013	ENERGY SOL	C-340	TM
118043	118043-24	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	2/26/13	SOLID	157890	71619	1850	006841648	07/18/2013	ENERGY SOL	C-340	TM
118043	118043-25	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	3/19/13	SOLID	155660	70607	1850	006841649	07/18/2013	ENERGY SOL	C-340	TM
118043	118043-26	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	3/15/13	SOLID	164060	74418	1850	006841650	07/18/2013	ENERGY SOL	C-340	TM
118043	118043-27	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	3/22/13	SOLID	178840	81122	1850	006841651	07/18/2013	ENERGY SOL	C-340	TM
118043	118043-28	CS	PCB REMEDIATION DEBRIS AND VARIOUS PROCESS EQUIPMENT (EQUIPMENT, PPE, RUBBLE, METAL).	3/22/13	SOLID	164682	74700	1850	006841652	07/18/2013	ENERGY SOL	C-340	TM
118083	118083-01	CS	ACM DEBRIS FROM C-340 CLEANUP (STEEL, PPE, PLASTIC, TRANSITE)	12/19/12	SOLID	19960	9054	686	006841659	07/26/2013	ENERGY SOL	C-340	TM
118108	118108-01	CS	ACM HEATER BOX	4/25/13	SOLID	4560	2068	242	006841659	07/26/2013	ENERGY SOL	C-340	TM
118110	118110-01	CS	CONVEYOR AND PPE BAG OF YELLOWCAKE	4/22/13	SOLID	3168	1437	90	006841658	08/19/2013	NTS	C-340	TM
118127	118127-01	CS	LLW, PCB REMEDIATION DEBRIS (PLASTIC, WOOD, METAL, PPE)	7/30/13	SOLID	19080	8655	686	006841661	09/23/2013	ENERGY SOL	C-340	TM
118355	118355-01	CL	PCB TRANSFORMER OIL	10/5/09	LIQUID	675	306	7.4	006894418	08/16/2013	CLEANHARLA	C-337	RTM
119373	119373-01	CS	RCRA LAB SOLIDS	10/12/05	SOLID	26	12	0.67	006841664	10/10/2013	M&E/C	C-710	RTM
118041	118041-01	CS	ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT	3/9/20	SOLID	39920	18108	540	2/11/2013	C-746-U	C-410	S	
118041	118041-02	CS	ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT	4/07/60	SOLID	40760	18489	540	2/11/2013	C-746-U	C-410	S	
115876	115876-01		CONCRETE, RE-BAR AND DEBRIS FROM REMOVAL OF REMAINING LOADING DOCK LOCATED AT THE C-400 BUILDING		SOLID	9920	4500	540	4/2/2013	C-746-U	C-400	S	
115876	115876-02		CONCRETE, RE-BAR AND DEBRIS FROM REMOVAL OF REMAINING LOADING DOCK LOCATED AT THE C-400 BUILDING		SOLID	21220	9625	540	4/2/2013	C-746-U	C-400	S	
116985	116985-056		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	43580	19768	540	1/16/2013	C-746-U	C-340	S	
116985	116985-057		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	44880	20358	540	1/16/2013	C-746-U	C-340	S	
116985	116985-058		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	47840	21700	540	1/17/2013	C-746-U	C-340	S	
116985	116985-059		PCB REMEDIATION DEBRIS - DEMOLITION DEBRIS FROM C BUILDING.		SOLID	50940	23106	540	1/17/2013	C-746-U	C-340	S	
116985	116985-060		PCB REMEDIATION DEBRIS - DEMOLITION DEBRIS FROM C BUILDING		SOLID	52480	23805	540	1/17/2013	C-746-U	C-340	S	
116985	116985-061		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	52780	23941	540	1/17/2013	C-746-U	C-340	S	
116985	116985-062		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	58360	26472	540	1/22/2013	C-746-U	C-340	S	
116985	116985-063		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	47040	21337	540	1/22/2013	C-746-U	C-340	S	
116985	116985-064		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	44700	20276	540	1/22/2013	C-746-U	C-340	S	
116985	116985-065		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	46120	20920	540	1/22/2013	C-746-U	C-340	S	
116985	116985-066		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	46760	21210	540	1/22/2013	C-746-U	C-340	S	
116985	116985-072		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	72260	32777	540	1/23/2013	C-746-U	C-340	S	
116985	116985-073		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	69100	31344	540	1/24/2013	C-746-U	C-340	S	
116985	116985-074		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	63960	29012	540	1/24/2013	C-746-U	C-340	S	
116985	116985-075		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	69700	31616	540	1/24/2013	C-746-U	C-340	S	
116985	116985-076		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	69800	31661	540	1/24/2013	C-746-U	C-340	S	
116985	116985-077		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	72920	33077	540	1/24/2013	C-746-U	C-340	S	
116985	116985-078		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	53660	24340	540	2/7/2013	C-746-U	C-340	S	
116985	116985-079		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	52220	23687	540	2/7/2013	C-746-U	C-340	S	
116985	116985-080		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	51380	23306	540	2/4/2013	C-746-U	C-340	S	
116985	116985-081		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	53560	24295	540	2/7/2013	C-746-U	C-340	S	
116985	116985-082		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	52500	23814	540	2/8/2013	C-746-U	C-340	S	
116985	116985-083		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	53260	24159	540	2/8/2013	C-746-U	C-340	S	
116985	116985-084		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	56180	25483	540	2/8/2013	C-746-U	C-340	S	
116985	116985-085		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	53480	24259	540	2/8/2013	C-746-U	C-340	S	
116985	116985-086		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	55180	25030	540	2/8/2013	C-746-U	C-340	S	
116985	116985-087		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	52620	23868	540	2/8/2013	C-746-U	C-340	S	
116985	116985-088		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	54120	24549	540	2/8/2013	C-746-U	C-340	S	
116985	116985-089		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	54720	24821	540	2/8/2013	C-746-U	C-340	S	
116985	116985-090		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	56400	25583	540	2/15/2013	C-746-U	C-340	S	
116985	116985-091		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	55420	25139	540	2/15/2013	C-746-U	C-340	S	
116985	116985-092		PCB REMEDIATION DEBRIS - STRUCTURAL STEEL / CONCRETE		SOLID	53340	24195	540	2/15/2013	C-746-U	C-340	S	





Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Manifest	Ship Date	Ship Location	Source	Waste Cut
118041	118041-74		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	865	392	24		10/2/2013	C-746-U	C-410	S
118041	118041-75		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	845	383	24		10/9/2013	C-746-U	C-410	S
118041	118041-76		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	865	392	24		10/2/2013	C-746-U	C-410	S
118041	118041-77		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	845	383	24		10/9/2013	C-746-U	C-410	S
118041	118041-78		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	845	383	24		10/9/2013	C-746-U	C-410	S
118041	118041-79		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	845	383	12		10/9/2013	C-746-U	C-410	S
118041	118041-80		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	845	383	24		10/9/2013	C-746-U	C-410	S
118041	118041-81		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	845	383	24		10/9/2013	C-746-U	C-410	S
118041	118041-82		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	845	383	24		10/9/2013	C-746-U	C-410	S
118041	118041-83		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	845	383	24		10/9/2013	C-746-U	C-410	S
118041	118041-84		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	845	383	24		10/9/2013	C-746-U	C-410	S
118041	118041-85		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	845	383	24		10/9/2013	C-746-U	C-410	S
119423	119423-49		TRANSITE PANELS		SOLID	2015	914	70		4/3/2013	C-746-U	C-340	S
119423	119423-50		TRANSITE PANELS		SOLID	2015	914	35		4/3/2013	C-746-U	C-340	S
119423	119423-51		TRANSITE PANELS		SOLID	2015	914	50		4/3/2013	C-746-U	C-340	S
119424	119424-01		ACM, DEBRIS, PPE		SOLID	41080	18634	540		2/11/2013	C-746-U	C-340	S
119424	119424-02		ACM, DEBRIS, PPE		SOLID	3562	1616	96		5/1/2013	C-746-U	C-340	S
119424	119424-03		ACM, DEBRIS, PPE		SOLID	3924	1780	96		5/1/2013	C-746-U	C-340	S
119424	119424-04		ACM, DEBRIS, PPE		SOLID	4122	1870	96		5/1/2013	C-746-U	C-340	S
119424	119424-05		ACM, DEBRIS, PPE		SOLID	4489	2036	96		5/1/2013	C-746-U	C-340	S
119424	119424-06		ACM, DEBRIS, PPE		SOLID	4518	2049	96		5/1/2013	C-746-U	C-340	S
119424	119424-07		ACM, DEBRIS, PPE		SOLID	2776	1259	51		5/1/2013	C-746-U	C-340	S
119424	119424-08		ACM, DEBRIS, PPE		SOLID	19340	8773	165		6/12/2013	C-746-U	C-340	S
119424	119424-09		ACM, DEBRIS, PPE		SOLID								

2013 SUMMARY OF PCB WASTE SHIPPED						
ITEM COUNT			LB	KG	FT <sup>3</sup>	
0	A	ARTICLES	0	0	0	
1	AC	ARTICLE CONTAINERS	3.230	1,465	96	
15	CL	CONTAINERS—LIQUID*	3,952	1,792	64	
38	CS	CONTAINERS—SOLIDS**	3,894,380	1,766,491	53,687	
198		PCB REMEDIATION SOLIDS ***	4,751,546	2,155,302	62,309	
252		TOTAL 2013 SHIPPED	8,653,108	3,925,050	116,156	
		*Includes portable tanks				
		**Includes boxes, shipping containers, and railcars				
		***PCB Remediation Solids < 49 mg/kg				

**Table 10.7. PCB Wastes Disposed Of Off-Site in 2013**

UHWM #	Date Shipped	Shipment Destination	Number of PCB Containers	Manifest Weight of PCB Items (kg)
006841653JJK	5/16/2013	DSSI-Perma-Fix, TN	3	346
006841625JJK	7/18/2013	Clive	1	52,309
006841626JJK	7/18/2013	Clive	1	48,971
006841627JJK	7/18/2013	Clive	1	65,518
006841628JJK	7/18/2013	Clive	1	58,406
006841629JJK	7/18/2013	Clive	1	49,796
006841630JJK	7/18/2013	Clive	1	57,834
006841631JJK	7/18/2013	Clive	1	60,066
006841632JJK	7/18/2013	Clive	1	53,498
006841633JJK	7/18/2013	Clive	1	46,521
006841634JJK	7/18/2013	Clive	1	47,737
006841335JJK	7/18/2013	Clive	1	45,968
006841636JJK	7/18/2013	Clive	1	64,520
006841637JJK	7/18/2013	Clive	1	45,659
006841638JJK	7/18/2013	Clive	1	47,819
006841639JJK	7/18/2013	Clive	1	49,061
006841640JJK	7/18/2013	Clive	1	72,404
006841641JJK	7/18/2013	Clive	1	60,048
006841642JJK	7/18/2013	Clive	1	57,335
006841643JJK	7/18/2013	Clive	1	86,810
006841644JJK	7/18/2013	Clive	1	82,682
006841645JJK	7/18/2013	Clive	1	78,210
006841646JJK	7/18/2013	Clive	1	74,073
006841647JJK	7/18/2013	Clive	1	64,230
006841648JJK	7/18/2013	Clive	1	71,623
006841649JJK	7/18/2013	Clive	1	70,607
006841650JJK	7/18/2013	Clive	1	74,418
006841651JJK	7/18/2013	Clive	1	81,122
006841652JJK	7/18/2013	Clive	1	78,382
006841659JJK	7/26/2013	Clive	2	7,720
006894418FLE	8/16/2013	Clean Harbors, Coffeyville, KS	1	307
006894419FLE	8/16/2013	Clean Harbors, La Porte, TX	5	93
006841658JJK	8/19/2013	NNSS	3	8,029
006841661JJK	9/23/2013	Clive	1	5,253
006841668JJK	10/10/2013	DSSI-Perma-Fix, TN	6	2,262
006841664JJK	10/10/2013	M&EC-Perma-Fix, TN	4	24
006841665JJK	11/18/2013	NNSS	1	2,214

\*Does not include the count or weight of non-PCB items included on the manifest. Weights are net weights in kg.

Table 10.8. PCB Wastewater Decontaminated On-Site in 2013

RFD	Waste ID	PCB Item	Description	PCB Date	Kg**	Net Vol (ft <sup>3</sup> )	Destination WID	Facility	Date Treated	Date Discharged
118094	118094-01	C	C-340 Decon Water Generated from LVI Equipment	3/6/2013	10971	387.44	118139-01	C-752-A	7/24/2013	7/29/2013
118094	118094-02	C	C-340 Decon Water Generated from LVI Equipment	3/22/2013	11160	397.04	118232-01	C-752-A	8/26/2013	9/23/2013
118094	118094-03	C	C-340 Decon Water Generated from LVI Equipment	4/15/2013	11349	403.77	118232-01	C-752-A	8/8/2013	9/23/2013
118094	118094-04	C	C-340 Decon Water Generated from LVI Equipment	4/30/2013	1891	67.29	118232-01	C-752-A	8/8/2013	9/23/2013
109528	109528-01	C	Water From Deconning Equipment at C-340 (PCB Remediation Waste)	3/5/2012	1630	58.01	118232-01	C-752-A	8/26/2013	9/23/2013
118095	118095-01	C	PCB Water from Pits at C-340	3/27/2013	34047	1211.31	118232-01	C-752-A	8/27/2013	9/19/2013

\*Estimated weights as recorded in the Waste Inventory Tracking System.

Table 10.9. PCB Waste Inventory as of December 31, 2013

RFID	WasteID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Facility	Source	Waste Cat
109221	109221-01	CS	GRANULAR ACTIVATED CARBON CANISTERS FROM NON-RCRA CARBON TREATMENT TRAIN. THIS TRAIN TREATED PCB REGULATED WATER.	12/1/11	SOLID	702	318	11.4	C-752-A	C-752-A	TM
109221	109221-02	CS	GRANULAR ACTIVATED CARBON CANISTERS FROM NON-RCRA CARBON TREATMENT TRAIN. THIS TRAIN TREATED PCB REGULATED WATER.	12/1/11	SOLID	702	318	11.4	C-752-A	C-752-A	TM
109221	109221-03	CS	GRANULAR ACTIVATED CARBON CANISTERS FROM NON-RCRA CARBON TREATMENT TRAIN. THIS TRAIN TREATED PCB REGULATED WATER.	12/1/11	SOLID	648	294	11.4	C-752-A	C-752-A	TM
109221	109221-04	CS	GRANULAR ACTIVATED CARBON CANISTERS FROM NON-RCRA CARBON TREATMENT TRAIN. THIS TRAIN TREATED PCB REGULATED WATER.	12/1/11	SOLID	696	316	11.4	C-752-A	C-752-A	TM
109253	109253-01	CS	PCB CONTAMINATED DEBRIS FROM DECON ACTIVITIES	6/27/12	SOLID	110	50	7.4	C-752-A	PGDP	TM
109454	109454-01	CS	POT HEADS WITH LEAD PIECES. RCRA ITEMS.	9/15/11	SOLID	2886	1309	90	ENERGYSOL	C-410	RTM
109551	109551-01	AC	PCB BALLASTS	4/25/12	SOLID	226	103	0.67	C-752-A	C-410	TM
109689	109689-04	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE (COLLECTION DRUMS)	1/18/12	SOLID	116	53	7.4	C-746-Q	PGDP	TM
109692	109692-01	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	1/26/12	SOLID	97	44	7.4	C-746-Q	PGDP	TM
109692	109692-02	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	2/9/12	SOLID	123	56	7.4	C-746-Q	PGDP	TM
109692	109692-03	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	2/9/12	SOLID	120	54	7.4	C-746-Q	PGDP	TM
109693	109693-01	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	3/29/12	SOLID	140	64	7.4	C-746-Q	PGDP	TM
109693	109693-02	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	5/9/12	SOLID	128	58	7.4	C-746-Q	PGDP	TM
109693	109693-03	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	8/15/12	SOLID	124	56	7.4	C-746-Q	PGDP	TM
109693	109693-04	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	10/2/12	SOLID	99	45	7.4	C-746-Q	PGDP	TM
109695	109695-01	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE.	10/3/12	SOLID	120	54	7.4	C-746-Q	PGDP	TM
109695	109695-02	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE.	11/15/12	SOLID	124	56	7.4	C-746-Q	PGDP	TM
109695	109695-03	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE.	2/20/13	SOLID	108	49	7.4	C-746-Q	PGDP	TM
109696	109696-01	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	4/21/13	SOLID	108	49	7.4	C-746-Q	PGDP	TM
109696	109696-02	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	7/17/13	SOLID	138	63	7.4	C-746-Q	PGDP	TM
109696	109696-03	CS	PCB SPILL CLEANUP DEBRIS; RAGS, PADS, PLASTIC, PPE	12/11/13	SOLID	110	50	7.4	C-746-Q	PGDP	TM
115809	115809-01	CS	PCB CONTAMINATED SOLIDS (PLASTIC, PPE) . GENERATED DURING ELECTRICAL MAINTENANCE WORK INSIDE SPILL AREA FOR PCB1958. PLASTIC PLACED OVER SPILL AREA TO ACCESS ELECTRICAL EQUIPMENT.	2/27/13	SOLID	82	37	7.4	C-752-A	C-340	TM
115816	115816-01	CS	PCB CONTAMINATED SOLID RESIDUALS / UNUSED SAMPLE PORTIONS FROM VARIOUS DOE PROJECTS. 18 BOTTLES TOTALS (SEE ATTACHED LOGSHEET)	5/3/13	SOLID	16	7	0.67	C-752-A	C-411	TM
115817	115817-01	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL. LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	38	17	7.4	C-746-Q	C-337	TM
115817	115817-02	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL. LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	38	17	7.4	C-746-Q	C-337	TM
115817	115817-03	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL. LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	38	17	7.4	C-746-Q	C-337	TM



Table 10.9. PCB Waste Inventory as of December 31, 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Facility	Source	Waste Cat
115817	115817-04	CL	PCB OIL. DRUMS CONTAIN VERY SMALL VOLUME OF OIL, LESS THAN 1 QUART EACH. DRUMS WERE USED BY MURTCO UNDER CONTRACT WITH USEC DURING WORK ON PCB TRANSFORMERS IN C-337. OIL WAS RETURNED TO TRANSFORMERS.	3/16/12	LIQUID	38	17	7.4	C-746-Q	C-337	TM
115818	115818-01	CL	SOLVENT-OIL MIXTURE. CONTAINS TRANSFORMER OIL (PCB) PLU TOLUENE (F005) AND XYLENE (F003) FROM EXTRACTIONS. SOLUTION IS RCRA IGNITABLE (D001)	9/19/13	LIQUID	41	19	0.67	C-733	C-710	RTM
115821	115821-01	CS	PCB/RCRA SOLIDS. MISCELLANEOUS LAB SOLIDS (THIMBLES, SODIUM SULFATE CONTAMINATED WITH METHYLENE CHLORIDE, TOWELS, GLOVES) FROM ANALYSIS OF MATERIAL MARKED AS PCB AND/OR RCRA BY SAMPLE OWNER	8/2/05	SOLID	17	8	0.67	C-733	PGDP	RTM
115822	115822-01	CL	PCB/RCRA LIQUIDS. UNUSED SAMPLE PORTIONS FROM SAMPLING OF RFD 103220-01. LIQUIDS ARE RCRA AND PCB REGULATED.	11/25/13	LIQUID	9	4	0.67	C-733	C-710	RTM
115898	115898-01	CS	TSCAMIXED SAMPLE RETURNS FROM SWRI	5/1/13	SOLID	18	8	0.67	C-752-A	C-752-A	TM
118120	118120-01	CS	SPILL CLEANUP DEBRIS (GRAVEL/PADS) FROM C-400 FRAC TANK	10/21/13	SOLID	38	17	0.67	C-752-A	C-400	TM
118230	118230-01	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	7/24/13	LIQUID	426	193	7.4	C-746-Q	PGDP	RTM
118230	118230-02	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	7/24/13	LIQUID	435	197	7.4	C-746-Q	PGDP	RTM
118230	118230-03	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	8/7/13	LIQUID	425	193	7.4	C-746-Q	PGDP	RTM
118230	118230-04	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	5/1/13	LIQUID	446	202	7.4	C-746-Q	PGDP	RTM
118230	118230-05	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	10/2/13	LIQUID	408	185	7.4	C-746-Q	PGDP	RTM
118230	118230-06	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	10/8/13	LIQUID	444	201	7.4	C-746-Q	PGDP	RTM
118230	118230-07	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	10/8/13	LIQUID	442	200	7.4	C-746-Q	PGDP	RTM
118230	118230-08	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	10/16/13	LIQUID	428	194	7.4	C-746-Q	PGDP	RTM
118230	118230-09	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	11/19/13	LIQUID	452	205	7.4	C-746-Q	PGDP	RTM
118230	118230-10	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/18/13	LIQUID	454	206	7.4	C-746-Q	PGDP	RTM
118233	118233-01	CS	PCB/RAD FILTERS/ ABSORBENT/ PPE GENERATED FROM CARBITROL WASTE WATER TREATMENT SYSTEM	8/5/13	SOLID	160	73	7.4	C-752-A	C-752-A	TM
118234	118234-01	AC	PCB/RAD SMALL CAPACITOR REMOVED FROM 119366-02. ORIGINALLY REMOVED FROM 109232-01.	4/17/13	SOLID	1	0	0.67	C-752-A	C-752-A	TM
118251	118251-01	AC	LEAKING PCB BALLASTS, LAMP SHADES, LIGHT BULBS	11/2/08	SOLID	168	76	7.4	C-752-A	C-752-A	RTM
118257	118257-01	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/30/13	LIQUID	460	209	7.4	C-746-Q	PGDP	RTM
118257	118257-02	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/30/13	LIQUID	452	205	7.4	C-746-Q	PGDP	RTM
118262	118262-05	CL	VENTILATION DUCT OIL AND WATER	3/16/12	LIQUID	443	201	7.4	C-746-Q	PGDP	RTM
118303	118303-01	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/23/13	LIQUID	432	196	7.4	C-746-Q	PGDP	RTM
118303	118303-02	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/23/13	LIQUID	438	199	7.4	C-746-Q	PGDP	RTM
118303	118303-03	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/23/13	LIQUID	442	200	7.4	C-746-Q	PGDP	RTM
118303	118303-04	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/26/13	LIQUID	468	212	7.4	C-746-Q	PGDP	RTM
118303	118303-05	CL	PCB CONTAMINATED OIL AND WATER LIQUIDS	12/26/13	LIQUID	438	199	7.4	C-746-Q	PGDP	RTM
118366	118366-01	AC	PCB BALLAST	11/12/08	SOLID	730	331	7.4	CLEANHARLA	C-333	TN
118370	118370-01	CS	PLASTIC CONTAMINATED WITH PCB'S FROM GASKET SPILL IN C-310, USED AS A FLOOR BARRIER TO ALLOW WORK WITHIN GASKET SPILL AREA. ALSO CONTAINS ABSORBENT PADS AND MOP HEADS FROM PCB WORK IN C-331.	6/25/09	SOLID	89	40	7.4	C-746-Q	C-310	TM
118503	118503-01	AC	PCB BALLASTS	10/20/11	SOLID	786	357	7.4	CLEANHARLA	C-337	TN
118509	118509-01	CS	PCB CONTAMINATED METAL (LIGHT SHADES)	4/28/10	SOLID	1216	552	90	C-752-A	C-333	TM

Table 10.9. PCB Waste Inventory as of December 31, 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Facility	Source	Waste Cat
118516	118516-01	CS	PCB CONTAMINATED SOLIDS FROM ELECTRICAL MAINTENANCE ACTIVITIES AND SPILL CLEANUP (RAGS, PPE, SHOE COVERS, PADS, GLOVES, APRON, RESPIRATOR CARTRIDGES, ETC.)	6/29/11	SOLID	161	73	7.4	C-746-Q	C-337	TM
118517	118517-01	CS	SOLID PCB WASTE (INCLUDES PPE, PLASTIC, PAPER, MAINTENANCE-DERIVED SOLIDS, SPILL CLEANUP SOLDS, ETC.) FROM DUCT WORK MAINTENANCE	3/6/12	SOLID	1	0	7.4	C-337	C-337	TM
118521	118521-01	CS	METAL CONTAMINATED WITH PCBs (LIGHT FIXTURES, ETC.)	2/16/10	SOLID	1351	613	90	C-752-A	C-335	TM
118528	118528-01	CS	PCB CONTAMINATED SOLIDS FROM WORK ASSOCIATED WITH BUILDING VENTILATION SYSTEM (GLOVES, APRON, PLIERS, SHOE COVERS, TYVEK, BELTS, RAGS)	6/2/11	SOLID	109	49	7.4	C-746-Q	C-337	TM
119208	119208-01	CL	PCB OIL	11/6/13	LIQUID	216	98	7.4	C-752-A	C-410	RTM
119309	119309-01	AC	PCB CONTAMINATED METALS (LIGHT SHADES, EMPTY METAL BEAKERS)	3/29/11	SOLID	1660	753	90	C-752-A	C-331	TM
119318	119318-01	CS	PCB CONTAMINATED SOLIDS FROM ELECTRICAL MAINTENANCE ACTIVITIES IN C-337	9/19/11	SOLID	103	47	7.4	C-746-Q	C-337	TM
119320	119320-01	CS	PCB CONTAMINATED METAL - ITEMS REMOVED FROM C-337- UIC5 CONTROL CABINET, CONTAMINATED BY PCB GASKET SPILL 1941. (WRENCH, TUBING, SAMPLE VOC ADAPTOR)	5/19/11	SOLID	7	3	0.67	C-752-A	C-337	TM
119324	119324-01	AC	PCB CONTAMINATED METAL FLUORESCENT LIGHT FIXTURES / SHADES. CONTAMINATION RESULTS FROM RUPTURED PCB LIGHT BALLAST.	2/4/13	SOLID	1860	844	90	C-752-A	C-337	TM
119353	119353-01	AC	PCB BALLASTS	8/8/11	SOLID	648	294	7.4	CLEANHARLA	C-757	TN
119357	119357-01	AC	PCB BALLASTS	11/28/11	SOLID	836	379	7.4	CLEANHARLA	C-757	TN
119361	119361-01	AC	PCB CONTAMINATED METALS (LAMP SHADES, FUNNEL)	2/5/12	SOLID	1314	596	90	C-752-A	C-335	TM
119363	119363-01	AC	PCB CONTAMINATED FLUORESCENT LIGHT BULB FIXTURES. CONTAMINATION RESULTS FROM RUPTURED PCB LIGHT BALLASTS	3/15/12	SOLID	1264	573	90	C-752-A	C-333	TM
119364	119364-01	CS	PCB CONTAMINATED METAL - LIGHT SHADES / FAN MOTOR	1/27/12	SOLID	2732	1239	90	C-752-A	C-337	TM
119365	119365-01	CS	PLASTIC CONTAMINATED WITH PCBs FROM GASKET SPILL IN C-310. USED AS A FLOOR BARRIER TO ALLOW WORK WITHIN GASKET SPILL AREA.	3/7/12	SOLID	69	31	7.4	C-746-Q	C-310	TM
119366	119366-01	AC	WESTINGHOUSE 25 KVAR PCB CAPACITORS ORIGINATED FROM UNIT 3 CELL 6 A/B. NON-LEAKING/INTACT.	3/27/12	SOLID	4071	1847	90	CLEANHARTX	C-337	TN
119366	119366-02	AC	WESTINGHOUSE 25 KVAR PCB CAPACITORS ORIGINATED FROM UNIT 3 CELL 6 A/B. NON-LEAKING/INTACT.	3/27/12	SOLID	2480	1125	90	CLEANHARTX	C-337	TN
119368	119368-01	CS	PCB CONTAMINATED SOLIDS (PADS, PPE, PLASTIC). GENERATED DURING INSTRUMENT MAINTENANCE ACTIVITIES ON CONTROL CABINET CONTAMINATED BY PCB SPILL #1923.	9/6/12	SOLID	13	6	0.67	C-746-Q	C-335	TM
119396	119396-01	CS	PCB CONTAMINATED VALVES, PIPING, FILTERS, HOSES, PADS FROM WASTEWATER TREATMENT ACTIVITIES	4/25/13	SOLID	132	60	7.4	C-752-A	C-752-A	TM
118041	118041-100		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	32	C-746-U	C-410	S
118041	118041-101		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	754	342	32	C-746-U	C-410	S
118041	118041-102		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	32	C-746-U	C-410	S
118041	118041-103		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	754	342	32	C-746-U	C-410	S
118041	118041-104		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	32	C-746-U	C-410	S
118041	118041-105		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	32	C-746-U	C-410	S
118041	118041-106		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	754	342	32	C-746-U	C-410	S
118041	118041-107		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	32	C-746-U	C-410	S
118041	118041-108		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	699	317	32	C-746-U	C-410	S

Table 10.9. PCB Waste Inventory as of December 31, 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Facility	Source	Waste Cat
118041	118041-109		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	699	317	32	C-746-U	C-410	S
118041	118041-110		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	699	317	32	C-746-U	C-410	S
118041	118041-111		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	699	317	32	C-746-U	C-410	S
118041	118041-112		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	699	317	32	C-746-U	C-410	S
118041	118041-113		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	699	317	32	C-746-U	C-410	S
118041	118041-114		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	699	317	32	C-746-U	C-410	S
118041	118041-115		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	754	342	32	C-746-U	C-410	S
118041	118041-116		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	756	343	32	C-746-U	C-410	S
118041	118041-117		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	756	343	32	C-746-U	C-410	S
118041	118041-118		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	756	343	32	C-746-U	C-410	S
118041	118041-119		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	756	343	32	C-746-U	C-410	S
118041	118041-120		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	756	343	32	C-746-U	C-410	S
118041	118041-121		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	756	343	32	C-746-U	C-410	S
118041	118041-122		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	756	343	32	C-746-U	C-410	S
118041	118041-123		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	755	342	32	C-746-U	C-410	S
118041	118041-124		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	755	342	32	C-746-U	C-410	S
118041	118041-125		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	755	342	32	C-746-U	C-410	S
118041	118041-126		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	755	342	32	C-746-U	C-410	S
118041	118041-127		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	745	338	32	C-746-U	C-410	S
118041	118041-128		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	745	338	32	C-746-U	C-410	S
118041	118041-129		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	745	338	32	C-746-U	C-410	S
118041	118041-130		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	745	338	32	C-746-U	C-410	S
118041	118041-131		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	745	338	40	C-746-U	C-410	S
118041	118041-132		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	699	317	12	C-746-U	C-410	S
118041	118041-133		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	12	C-746-U	C-410	S
118041	118041-134		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	12	C-746-U	C-410	S
118041	118041-135		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	9	C-746-U	C-410	S
118041	118041-136		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	12	C-746-U	C-410	S
118041	118041-137		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	9	C-746-U	C-410	S
118041	118041-138		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	1950	885	48	C-746-U	C-410	S
118041	118041-139		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	2480	1125	64	C-746-U	C-410	S
118041	118041-140		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	1950	885	48	C-746-U	C-410	S
118041	118041-141		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	32	C-746-U	C-410	S
118041	118041-142		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	32	C-746-U	C-410	S
118041	118041-143		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	40	C-746-U	C-410	S
118041	118041-144		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	32	C-746-U	C-410	S
118041	118041-145		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	32	C-746-U	C-410	S
118041	118041-86		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	39480	17908	540	C-746-U	C-410	S
118041	118041-87		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	1050	476	40	C-746-U	C-410	S
118041	118041-88		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	1050	476	40	C-746-U	C-410	S
118041	118041-89		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	1050	476	40	C-746-U	C-410	S
118041	118041-90		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	1040	472	32	C-746-U	C-410	S
118041	118041-91		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	950	431	25	C-746-U	C-410	S

Table 10.9. PCB Waste Inventory as of December 31, 2013 (Continued)

RFD	WasteID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Net Vol (ft <sup>3</sup> )	Facility	Source	Waste Cat
118041	118041-92		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	480	218	35	C-746-U	C-410	S
118041	118041-93		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	754	342	50	C-746-U	C-410	S
118041	118041-94		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	754	342	30	C-746-U	C-410	S
118041	118041-95		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	480	218	35	C-746-U	C-410	S
118041	118041-96		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	754	342	30	C-746-U	C-410	S
118041	118041-97		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	754	342	40	C-746-U	C-410	S
118041	118041-98		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	39780	18044	540	C-746-U	C-410	S
118041	118041-99		ACM WIRE, CONDUIT AND CONTAMINATED EQUIPMENT		SOLID	698	317	27	C-746-U	C-410	S

2013 SUMMARY ENDING INVENTORY OF PCB WASTE						
ITEM COUNT			LB	KG	FT <sup>3</sup>	
0	A	ARTICLES	0	0	0	
13	AC	ARTICLE CONTAINERS	16,044	7,278	578	
25	CL	CONTAINERS—LIQUID*	8,351	3,788	172	
38	CS	CONTAINERS—SOLIDS**	13,713	6,220	587	
60		PCB REMEDIATION SOLIDS ***	126,580	57,417	2930	
136		TOTAL 2013 ENDING INVENTORY	164,688	74,703	4,267	
		*Includes portable tanks				
		**Includes boxes, shipping containers, railcars				
		***PCB Remediation Solids < 49 MG/KG				

## **11. PCB WASTE SHIPMENT RECEIPT LOG**

A PCB waste shipment receipt log is required by 40 *CFR* § 761.180(a)(2)(viii). The log presented on the following pages, as Table 11.1, is an excerpt from a data file maintained by DOT personnel in the waste disposition functional group, which includes a record of phone calls or other agreed on method to confirm receipt of PCB shipments. Information in the log that is not required for this report has been omitted from Table 11.1.

Table 11.1. PCB Waste Shipment Receipt Log

Shipment ID #	Actual Ship Date	Shipment Destination	UHW #	Comments/Notes	Date Manifest Received	Manifest Status	TSCA	Confirmation Received
DSSI-13-044	5/16/2013	DSSI-Perma-Fix, TN	006841653JJK	(6) Drums of DOT Nonregulated Oil, (2) Drums RCRA/TSCA Oil/Water, (3) Drums of RCRA/LLW Liquids, (1) Drum of LLW/RCRA/TSCA Oil	5/20/2013	OK	RT	Received delivery confirmation via e-mail from Josh Norman on 5-17-2013.
6228-15-0020	7/18/2013	Clive	006841625JJK	(1) Gondola of PCB Demolition Rubble—LATR-047	8/14/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0021	7/18/2013	Clive	006841626JJK	(1) Gondola of PCB Demolition Rubble—LATR-048	8/14/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0022	7/18/2013	Clive	006841627JJK	(1) Gondola of PCB Demolition Rubble—LATR-049	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0023	7/18/2013	Clive	006841628JJK	(1) Gondola of PCB Demolition Rubble—LATR-050	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0024	7/18/2013	Clive	006841629JJK	(1) Gondola of PCB Demolition Rubble—LATR-051	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0025	7/18/2013	Clive	006841630JJK	(1) Gondola of PCB Demolition Rubble—LATR-052	8/14/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0026	7/18/2013	Clive	006841631JJK	(1) Gondola of PCB Demolition Rubble—LATR-053	8/14/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0027	7/18/2013	Clive	006841632JJK	(1) Gondola of PCB Demolition Rubble—LATR-054	8/14/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0028	7/18/2013	Clive	006841633JJK	(1) Gondola of PCB Demolition Rubble—LATR-055	8/14/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.

Table 11.1. PCB Waste Shipment Receipt Log (Continued)

Shipment ID #	Actual Ship Date	Shipment Destination	UHWM #	Comments/Notes	Date Manifest Received	Manifest Status	TSCA	Confirmation Received
6228-15-0029	7/18/2013	Clive	006841634JJK	(1) Gondola of PCB Demolition Rubble—LATR-056	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-13-13.
6228-15-0030	7/18/2013	Clive	006841635JJK	(1) Gondola of PCB Demolition Rubble—LATR-057	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0031	7/18/2013	Clive	006841636JJK	(1) Gondola of PCB Demolition Rubble—LATR-058	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0032	7/18/2013	Clive	006841637JJK	(1) Gondola of PCB Demolition Rubble—LATR-059	8/14/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0033	7/18/2013	Clive	006841638JJK	(1) Gondola of PCB Demolition Rubble—LATR-060	8/14/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0034	7/18/2013	Clive	006841639JJK	(1) Gondola of PCB Demolition Rubble—LATR-061	8/14/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0035	7/18/2013	Clive	006841640JJK	(1) Gondola of PCB Demolition Rubble—LATR-062	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0036	7/18/2013	Clive	006841641JJK	(1) Gondola of PCB Demolition Rubble—LATR-063	8/14/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0037	7/18/2013	Clive	006841642JJK	(1) Gondola of PCB Demolition Rubble—LATR-064	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0038	7/18/2013	Clive	006841643JJK	(1) Gondola of PCB Demolition Rubble—LATR-065	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0039	7/18/2013	Clive	006841644JJK	(1) Gondola of PCB Demolition Rubble—LATR-066	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0040	7/18/2013	Clive	006841645JJK	(1) Gondola of PCB Demolition Rubble—LATR-067	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.

Table 11.1. PCB Waste Shipment Receipt Log (Continued)

Shipment ID #	Actual Ship Date	Shipment Destination	UHMW #	Comments/Notes	Date Manifest Received	Manifest Status	TSCA	Confirmation Received
6228-15-0041	7/18/2013	Clive	006841646JJK	(1) Gondola of PCB Demolition Rubble—LATR-068	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0042	7/18/2013	Clive	006841647JJK	(1) Gondola of PCB Demolition Rubble—LATR-069	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0043	7/18/2013	Clive	006841648JJK	(1) Gondola of PCB Demolition Rubble—LATR-070	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0044	7/18/2013	Clive	006841649JJK	(1) Gondola of PCB Demolition Rubble—LATR-071	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0045	7/18/2013	Clive	006841650JJK	(1) Gondola of PCB Demolition Rubble—LATR-072	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0046	7/18/2013	Clive	006841651JJK	(1) Gondola of PCB Demolition Rubble—LATR-073	8/22/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0047	7/18/2013	Clive	006841652JJK	(1) Gondola of PCB Demolition Rubble—LATR-074	8/26/2013	OK	T	Received delivery confirmation via e-mail from Jake Gardner on 8-7-13.
6228-15-0048	7/26/2013	Clive	006841659JJK	(1) ACM/PCB/LLW Heater Box and (1) Intermodal of ACM/LLW/PCB Debris	7/31/2013	OK	T	Received delivery confirmation via e-mail on 7-30-2013.
CH668325	8/16/2013	Clean Harbors, Coffeyville, KS	006894418FLE	(1) 55-gallon drum of PCB Liquid > 500ppm	9/18/2013	OK	T	Received phone call from Jason confirming delivery on 8-19-2013.
CH668752	8/16/2013	Clean Harbors, La Porte, TX	006894419FLE	(5) 5-gallon drums of RCRA/PCB Liquid > 500 ppm	9/9/2013	OK	RT	Received phone call from Jason confirming delivery on 8-19-2013.
PDL13003	8/19/2013	NNSS	006841658JJK	(3) Containers of PCB Remediation Debris, RFDs 109574-01, 109493-01, 118110-01	8/28/2013	OK	T	Received phone from NNSS on 8-22-2013 with delivery confirmation.



Table 11.1. PCB Waste Shipment Receipt Log (Continued)

Shipment ID #	Actual Ship Date	Shipment Destination	UHW #	Comments/Notes	Date Manifest Received	Manifest Status	TSCA	Confirmation Received
9501-21-0001	9/23/2013	Clive	006841661JJK	(1) Intermdoal of PCB Remediation Waste, RFD# 118127-01	10/10/2013	OK	T	Received phone call from Jake Gardner confirming delivery on 9-26-2013.
DSSI-13-107	10/10/2013	DSSI-Perma-Fix, TN	006841668JJK	(6) Drums of RCRA Mixed Waste, (6) Drums of RCRA/TSCA/LLW, (4) Drums of Non-DOT Regulated Waste	10/21/2013	OK	RT	Received Acknowledgment of Receipt on 10-21-13.
ETTP-13-241	10/10/2013	M&EC-Perma-Fix, TN	006841664JJK	(15) Drums of RCRA Mixed Waste, (4) Drums of RCRA/TSCA/LLW	10/21/2013	OK	RT	Received phone call from Josh Norman confirming delivery on 10-11-2013
PDL14009	11/18/2013	NNSS	006841665JJK	(1) ST-90 of PCB Remediation Debris	11/21/2013	OK	T	Received phone call from NNSS confirming delivery on 11/21/2013.

37 Shipments

T = TSCA

R = RCRA

RT =RCRA TSCA

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**APPENDIX A**

**PCB TRANSFORMER MAINTENANCE RECORDS**

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## **PCB TRANSFORMER MAINTENANCE RECORDS**

Reference: 40 *CFR* § 761.30(a)(1)(xii)

The following copies of the PCB transformer maintenance records were provided by USEC.

**King, Paul E (7PK)**

---

**From:** Golightly Jr, Mike <golightlyme@pgdp.usec.com>  
**Sent:** Thursday, March 06, 2014 11:38 AM  
**To:** King, Paul E (7PK)  
**Subject:** Transformer Maintenance

Only routine maintenance on PCB units in 2013, per Electrical Maintenance.

Mike Golightly  
Waste Management/Environmental Compliance  
United States Enrichment Corporation  
Paducah Gaseous Diffusion Plant  
Office 441-6680  
Cell 349-3657

**APPENDIX B**

**PCB TRANSFORMER INSPECTION RECORDS**

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## **PCB TRANSFORMER INSPECTION RECORDS**

Reference: 40 *CFR* § 761.30(a)(1)(xii)

The following copies of quarterly PCB transformer inspections were provided by USEC.

## USEC PCB TRANSFORMER QUARTERLY INSPECTIONS

Unit #	Serial #	PCB Spill/Leak Present?	Combustibles within 5 meters of transformer?	Unit #	Serial #	PCB Spill/Leak Present?	Combustibles within 5 meters of transformer?
71P9A	B983139	(N) Y	(N) Y	72P6A	RIA0004	N (Y) 799	(N) Y
71P9B	B983122	(N) Y	(N) Y	72P4B	B983214	(N) Y	(N) Y
71P7A	B983140	(N) Y	(N) Y	72P4A	RIA0022	(N) Y	(N) Y
71P7B	B983141	(N) Y	(N) Y	72P2B	RID0128	(N) Y	(N) Y
71P5A	B983120	N (Y) 845	(N) Y	72P2A	RIB0059	(N) Y	(N) Y
71P5B	B983114	N (Y) 842	(N) Y	76P1B	B983180	N (Y) 835	(N) Y
71P3A	B983158	(N) Y	(N) Y	76P1A	B983174	N (Y) 847	(N) Y
71P3B	B983161	N (Y) 832	(N) Y	76P3B	B983189	(N) Y	(N) Y
71P1A	B983183	(N) Y	(N) Y	76P3A	B983186	(N) Y	(N) Y
71P1B	B983184	(N) Y	(N) Y	76P5B	B983195	(N) Y	(N) Y
71P2A	B983170	N (Y) 853	(N) Y	76P5A	B983197	(N) Y	(N) Y
71P2B	B983173	(N) Y	(N) Y	76P7B	B983181	(N) Y	(N) Y
71P4A	B983160	(N) Y	(N) Y	76P7A	B983199	(N) Y	(N) Y
71P4B	B983175	N (Y) 849/719	(N) Y	76P9B	B983200	(N) Y	(N) Y
71P6A	B983163	(N) Y	(N) Y	76P9A	B983194	(N) Y	(N) Y
71P6B	B983169	(N) Y	(N) Y	76P10B	B983172	(N) Y	(N) Y
71P8A	B983229	(N) Y	(N) Y	76P10A	B983179	(N) Y	(N) Y
71P8B	B983206	N (Y) 843	(N) Y	76P8B	B983178	(N) Y	(N) Y
71P10A	B983176	(N) Y	(N) Y	76P8A	B983182	(N) Y	(N) Y
71P10B	B983187	N (Y) 785	(N) Y	76P6B	B983192	(N) Y	(N) Y
72P1B	RIC0091	N (Y) 850	(N) Y	76P6A	B983188	(N) Y	(N) Y
72P1A	RIC0118	(N) Y	(N) Y	76P4B	B983191	(N) Y	(N) Y
72P3B	B983218	(N) Y	(N) Y	76P4A	B983190	(N) Y	(N) Y
72P3A	B983125	N (Y) 841	(N) Y	76P2B	B983193	(N) Y	(N) Y
72P5B	B983168	(N) Y	(N) Y	76P2A	B983185	(N) Y	(N) Y
72P5A	B983167	(N) Y	(N) Y	Spare	RIJ1187	(N) Y	(N) Y
72P7B	B983201	(N) Y	(N) Y	Spare	B983576	(N) Y	(N) Y
72P7A	B983202	(N) Y	(N) Y	Spare	B159549	(N) Y	(N) Y
72P9B	B983159	(N) Y	(N) Y	Spare	B983138	N Y	(N) Y
72P9A	B983162	(N) Y	(N) Y	Spare	B983130	N Y	(N) Y
72P10B	RHI0443	(N) Y	(N) Y	Spare	B983145	(N) Y	(N) Y
72P10A	RHK0578	(N) Y	(N) Y	Spare	B983142	(N) Y	(N) Y
72P8B	RIJL101	N (Y) 748	(N) Y		N Y		N Y
72P8A	RHI0472	N (Y) 855	(N) Y		N Y		N Y
72P6B	RHL0660	(N) Y	(N) Y		N Y		N Y

PCB M<sub>L</sub> are attached to each side of each PCB transformer listed above.

PCB M<sub>I</sub> are attached to all entrances to C337 building.

• 845 is active • 853 is inactive • 843 is active • 841 is inactive • 799 is inactive  
 • 842 is active • 849 is inactive • 785 is inactive • 748 is inactive • 835 is inactive  
 • 832 is active • 719 is active • 850 is inactive • 855 is active • 847 is inactive

Inspected By: MEJ Badge # GLOSS Date: 3.20.13

CP-17713  
(06-15-12)

## USEC PCB TRANSFORMER QUARTERLY INSPECTIONS

Unit #	Serial #	PCB Spill/Leak Present?	Combustibles within 5 meters of transformer?	Unit #	Serial #	PCB Spill/Leak Present?	Combustibles within 5 meters of transformer?
71P9A	B983139	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	72P6A	RIA0004	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 799	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P9B	B983122	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	72P4B	B983214	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P7A	B983140	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	72P4A	RIA0022	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P7B	B983141	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	72P2B	RID0128	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P5A	B983120	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 845	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	72P2A	RIB0059	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P5B	B983114	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 842	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P1B	B983180	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 835	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P3A	B983158	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P1A	B983174	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 841	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P3B	B983161	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 832	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P3B	B983189	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P1A	B983183	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P3A	B983186	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P1B	B983184	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P5B	B983195	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P2A	B983170	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 853	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P5A	B983197	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P2B	B983173	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P7B	B983181	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P4A	B983160	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P7A	B983199	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P4B	B983175	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 719/849	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P9B	B983200	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P6A	B983163	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P9A	B983194	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P6B	B983169	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P10B	B983172	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P8A	B983229	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P10A	B983179	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71F8B	B983206	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 843	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P8B	B983178	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P10A	B983176	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P8A	B983182	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
71P10B	B983187	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 785	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P6B	B983192	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P1B	RIC0091	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 850	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P6A	B983188	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P1A	B983158	N <input checked="" type="checkbox"/> Y <input type="checkbox"/> 841/846	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P4B	B983191	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P3B	B983218	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P4A	B983190	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P3A	B983125	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 841	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P2B	B983193	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P5B	B983168	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	76P2A	B983185	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P5A	B983167	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	Spare	RIJ1187	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P7B	B983201	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	Spare	B983576	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P7A	B983202	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	Spare	B159549	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P9B	B983159	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	Spare	B983138	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 856	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P9A	B983162	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	Spare	B983130	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P10B	RHI0443	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	Spare	B983145	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P10A	RHK0578	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	Spare	B983142	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>
72P8B	RIJL101	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 847/848	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>			N <input type="checkbox"/> Y <input type="checkbox"/>	N <input type="checkbox"/> Y <input type="checkbox"/>
72P8A	RHI0472	N <input type="checkbox"/> Y <input checked="" type="checkbox"/> 855	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>			N <input type="checkbox"/> Y <input type="checkbox"/>	N <input type="checkbox"/> Y <input type="checkbox"/>
72P6B	RHL0660	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>	N <input checked="" type="checkbox"/> Y <input type="checkbox"/>			N <input type="checkbox"/> Y <input type="checkbox"/>	N <input type="checkbox"/> Y <input type="checkbox"/>

PCB M<sub>L</sub> are attached to each side of each PCB transformer listed above.

PCB M<sub>L</sub> are attached to all entrances to C337 building.

845 is active    853 is inactive    843 is inactive    850 is inactive    855 is active    847 is inactive  
 842 is active    849 is inactive    785 is inactive    841 is inactive    799 is inactive  
 832 is active    719 is active    856 is active    848 is inactive    835 is inactive

Inspected By: MJ Badge # 61055 Date: 6-18/19-13

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(10-13-10)

\* Spill 856 is probably associated with gasket 1969. B983138 is de-energized and disconnected. There is no source of oil present, and data is too low.

## USEC PCB TRANSFORMER QUARTERLY INSPECTIONS

Unit #	Serial #	PCB Spill/Leak Present?	Combustibles within 5 meters of transformer?	Unit #	Serial #	PCB Spill/Leak Present?	Combustibles within 5 meters of transformer?
71P9A	B983139	(N) Y	(N) Y	72P6A	RIA0004	N (Y) 799	(N) Y
71P9B	B983122	(N) Y	(N) Y	72P4B	B983214	(N) Y	(N) Y
71P7A	B983140	(N) Y	(N) Y	72P4A	RIA0022	(N) Y	(N) Y
71P7B	B983141	(N) Y	(N) Y	72P2B	RID0128	(N) Y	(N) Y
71P5A	B983120	N (Y) 845	(N) Y	72P2A	RIB0059	(N) Y	(N) Y
71P5B	B983114	N (Y) 842	(N) Y	76P1B	B983180	N (Y) 835	(N) Y
71P3A	B983158	(N) Y	(N) Y	76P1A	B983174	N (Y) 847	(N) Y
71P3B	B983161	N (Y) 832	(N) Y	76P3B	B983189	(N) Y	(N) Y
71P1A	B983183	(N) Y	(N) Y	76P3A	B983186	(N) Y	(N) Y
71P1B	B983184	(N) Y	(N) Y	76P5B	B983195	(N) Y	(N) Y
71P2A	B983170	N (Y) 853	(N) Y	76P5A	B983197	(N) Y	(N) Y
71P2B	B983173	(N) Y	(N) Y	76P7B	B983181	(N) Y	(N) Y
71P4A	B983160	(N) Y	(N) Y	76P7A	B983199	(N) Y	(N) Y
71P4B	B983175	N (Y) 719/849	(N) Y	76P9B	B983200	(N) Y	(N) Y
71P6A	B983163	(N) Y	(N) Y	76P9A	B983194	(N) Y	(N) Y
71P6B	B983169	(N) Y	(N) Y	76P10B	B983172	(N) Y	(N) Y
71P8A	B983229	(N) Y	(N) Y	76P10A	B983179	(N) Y	(N) Y
71P8B	B983206	N (Y) 843	(N) Y	76P8B	B983178	(N) Y	(N) Y
71P10A	B983176	(N) Y	(N) Y	76P8A	B983182	(N) Y	(N) Y
71P10B	B983187	N (Y) 785	(N) Y	76P6B	B983192	(N) Y	(N) Y
72P1B	RIC0091	N (Y) 850	(N) Y	76P6A	B983188	(N) Y	(N) Y
72P1A	RIC0118	N Y	(N) Y	76P4B	B983191	(N) Y	(N) Y
72P3B	B983218	N Y	(N) Y	76P4A	B983190	(N) Y	(N) Y
72P3A	B983125	N (Y) 841	(N) Y	76P2B	B983193	(N) Y	(N) Y
72P5B	B983168	(N) Y	(N) Y	76P2A	B983185	(N) Y	(N) Y
72P5A	B983167	(N) Y	(N) Y	Spare	RIJ1187	(N) Y	(N) Y
72P7B	B983201	(N) Y	(N) Y	Spare	B983576	(N) Y	(N) Y
72P7A	B983202	(N) Y	(N) Y	Spare	B159549	(N) Y	(N) Y
72P9B	B983159	(N) Y	(N) Y	Spare	B983138	N (Y) 856	(N) Y
72P9A	B983162	(N) Y	(N) Y	Spare	B983130	(N) Y	(N) Y
72P10B	RHI0443	(N) Y	(N) Y	Spare	B983145	(N) Y	(N) Y
72P10A	RHK0578	(N) Y	(N) Y	Spare	B983142	(N) Y	(N) Y
72P8B	RIJL101	N (Y) 748	(N) Y			N Y	N Y
72P8A	RHI0472	N (Y) 855	(N) Y			N Y	N Y
72P6B	RHL0660	(N) Y	(N) Y			N Y	N Y

✓ PCB M<sub>L</sub> are attached to each side of each PCB transformer listed above.

✓ PCB M<sub>L</sub> are attached to all entrances to C337 building.

845 active    785 inactive    835 inactive    843 inactive    849 inactive    855 active  
 719 active    799 inactive    841 inactive    845 active    850 inactive    856 inactive  
 748 inactive    832 active    842 inactive    847 inactive    853 inactive

Inspected By: MEJ Badge # 61055 Date: 9-23-13

CP-17713  
(06-15-12)

## USEC PCB TRANSFORMER QUARTERLY INSPECTIONS

Unit #	Serial #	PCB Spill/Leak Present?	Combustibles within 5 meters of transformer?	Unit #	Serial #	PCB Spill/Leak Present?	Combustibles within 5 meters of transformer?
71P9A	B983139	Y	Y	72P6A	RIA0004	N	Y
71P9B	B983122	Y	Y	72P4B	B983214	N	Y
71P7A	B983140	Y	Y	72P4A	RIA0022	N	Y
71P7B	B983141	Y	Y	72P2B	RID0128	N	Y
71P5A	B983120	N	Y	72P2A	RIB0059	N	Y
71P5B	B983114	N	Y	76P1B	B983180	N	Y
71P3A	B983158	Y	Y	76P1A	B983174	N	Y
71P3B	B983161	N	Y	76P3B	B983189	N	Y
71P1A	B983183	Y	Y	76P3A	B983186	N	Y
71P1B	B983184	Y	Y	76P5B	B983195	N	Y
71P2A	B983170	N	Y	76P5A	B983197	N	Y
71P2B	B983173	Y	Y	76P7B	B983181	N	Y
71P4A	B983160	Y	Y	76P7A	B983199	N	Y
71P4B	B983175	N	Y	76P9B	B983200	N	Y
71P6A	B983163	Y	Y	76P9A	B983194	N	Y
71P6B	B983169	Y	Y	76P10B	B983172	N	Y
71P8A	B983229	Y	Y	76P10A	B983179	N	Y
71P8B	B983206	N	Y	76P8B	B983178	N	Y
71P10A	B983176	Y	Y	76P8A	B983182	N	Y
71P10B	B983187	N	Y	76P6B	B983192	N	Y
72P1B	RIC0091	N	Y	76P6A	B983188	N	Y
72P1A	RIC0118	Y	Y	76P4B	B983191	N	Y
72P3B	B983218	Y	Y	76P4A	B983190	N	Y
72P3A	B983125	N	Y	76P2B	B983193	N	Y
72P5B	B983168	Y	Y	76P2A	B983185	N	Y
72P5A	B983167	Y	Y	Spare	RIJ1187	N	Y
72P7B	B983201	Y	Y	Spare	B983576	N	Y
72P7A	B983202	Y	Y	Spare	B159549	N	Y
72P9B	B983159	Y	Y	Spare	B983138	N	Y
72P9A	B983162	Y	Y	Spare	B983130	N	Y
72P10B	RHI0443	Y	Y	Spare	B983145	N	Y
72P10A	RHK0578	Y	Y	Spare	B983142	N	Y
72P8B	RIJL101	N	Y			N	Y
72P8A	RHI0472	N	Y			N	Y
72P6B	RHL0660	Y	Y			N	Y

- PCB M<sub>L</sub> are attached to each side of each PCB transformer listed above.
- PCB M<sub>L</sub> are attached to all entrances to C337 building.

#815 is active    #853 inactive    #856 is inactive    #855 active    #847 inactive  
 #842 is active    #843 inactive    #841 inactive    #799 inactive    #856 MC  
 #832 is active    #785 inactive    #748 inactive    #835 active

Inspected By: DEJ Badge # 61055 Date: 12-16-13

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(06-15-12)

#719 is active  
 #849 is inactive  
 #850

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**APPENDIX C**

**LABORATORY PCB STANDARDS INVENTORY**

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## **LABORATORY PCB STANDARDS INVENTORY**

Table C.1 is an inventory of laboratory PCB standards used in the USEC laboratory during 2013. This information was provided by USEC.

**Table C.1. Laboratory PCB Standards Inventory**  
**2013 Standards Inventory**  
**C-709, Room 113**

Rev. 12/31/13 jws

Chemical Name	Vendor Name	Initial Inventory for 2013	Amount Received	Amount Consumed or Disposed	Final Inventory for 2013
Aroclor 1016	Chem Services	5 mL ampul	0 mL	10 mL	5 mL
	Restek	1 mL ampul	2 mL	3 mL	3 mL
	Sulpelco	1 mL ampul	1 mL	2 mL	1 mL
Aroclor 1221	Chem Services	5 mL ampul	5 mL	10 mL	10 mL
	Restek	1 mL ampul	5 mL	0 mL	1 mL
	Sulpelco	1 mL ampul	1 mL	2 mL	3 mL
Aroclor 1232	Chem Services	5 mL ampul	5 mL	10 mL	10 mL
	Restek	1 mL ampul	5 mL	0 mL	1 mL
	Sulpelco	1 mL ampul	3 mL	2 mL	4 mL
Aroclor 1242	Chem Services	5 mL ampul	0 mL	10 mL	5 mL
	Restek	1 mL ampul	4 mL	0 mL	1 mL
	Sulpelco	1 mL ampul	3 mL	4 mL	4 mL
Aroclor 1248	Chem Services	5 mL ampul	5 mL	10 mL	10 mL
	Restek	1 mL ampul	5 mL	0 mL	1 mL
	Sulpelco	1 mL ampul	4 mL	2 mL	5 mL
Aroclor 1254	Chem Services	5 mL ampul	0 mL	10 mL	5 mL
	Restek	1 mL ampul	5 mL	0 mL	1 mL
	Sulpelco	1 mL ampul	1 mL	4 mL	4 mL
Aroclor 1260	Chem Services	5 mL ampul	0 mL	10 mL	5 mL
	Restek	1 mL ampul	2 mL	3 mL	2 mL
	Sulpelco	1 mL ampul	1 mL	2 mL	2 mL
Aroclor 1268	Chem Services	5 mL ampul	0 mL	15 mL	10 mL
	Restek	1 mL ampul	3 mL	3 mL	2 mL
	Sulpelco	solution		0 mL	
Aroclor 1016 / 1260 Mix	Chem Services	solution		0 mL	
	Restek	1 mL ampul	2 mL	2 mL	1 mL
	Sulpelco	solution		0 mL	
Decachlorobiphenyl (DCB)	Chem Services	5 mL ampul	0 mL	15 mL	10 mL
	Restek	5 mL ampul	15 mL	15 mL	15 mL
	Sulpelco	1 mL ampul	2 mL	2 mL	4 mL
2,4,5,6-tetrachloro-m-Xylene (TCMX)	Chem Services	5 mL ampul	0 mL	15 mL	10 mL
	Restek	5 mL ampul	15 mL	5 mL	5 mL
	Sulpelco	1 mL ampul	2 mL	2 mL	4 mL
Surrogate Mix - 8080	Chem Services	5 mL ampul	10 mL	0 mL	5 mL
	Restek	solution			
	Sulpelco	solution			
Di-n-propylphthalate	Chem Services	5 mL ampul	0 mL	5 mL	5 mL
	Restek	solution			
	Sulpelco	solution			