

FPDP-RPT-0080

**Annual Document of
Polychlorinated Biphenyls at the
Paducah Gaseous Diffusion Plant,
Paducah, Kentucky,
for
January 1, 2016–December 31, 2016**

FLUOR[®]

This document is approved for public release per review by:

David Hayden
FPDP Classification Support

6-29-17
Date

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Polychlorinated Biphenyls at the
Paducah Gaseous Diffusion Plant,
Paducah, Kentucky,
for
January 1, 2016–December 31, 2016**

Date Issued—June 2017

U.S. DEPARTMENT OF ENERGY
Office of Environmental Management

Prepared by
FLUOR FEDERAL SERVICES, INC.,
Paducah Deactivation Project
managing the
Deactivation Project at the
Paducah Gaseous Diffusion Plant
under Task Order DE-DT0007774

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PREFACE

This Annual Document of Polychlorinated Biphenyls at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, for January 1, 2016–December 31, 2016, was prepared to meet applicable requirements of the Toxic Substances Control Act, as codified in the U.S. Code of Federal Regulations, 40 *CFR* Part 761, Subpart J. The mailing address for the U.S. Department of Energy Paducah Gaseous Diffusion Plant is 5501 Hobbs Road, Kevil, Kentucky 42053. 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
<i>CFR</i>	<i>Code of Federal Regulations</i>
CY	calendar year
DOE	U.S. Department of Energy
DSSI	Diversified Scientific Services, LLC
EPA	U.S. Environmental Protection Agency
FFCA	Federal Facilities Compliance Agreement
FY	fiscal year
HQ	headquarters
M&EC	Materials & Energy Corporation
PGDP	Paducah Gaseous Diffusion Plant
RCRA	Resource Conservation and Recovery Act
RFD	Request for Disposal
TSCA	Toxic Substances Control Act
TSDF	treatment, storage, and disposal facilities
UE	uranium enrichment
UHWI	Uniform Hazardous Waste Manifest

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EXECUTIVE SUMMARY

This Annual Document of Polychlorinated Biphenyls at the Paducah Gaseous Diffusion Plant (PGDP), Paducah, Kentucky, for January 1, 2016–December 31, 2016, (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 the PGDP for calendar year (CY) 2016 are summarized below:

PCB transformers in service as of 12/31/2016:	0
Total PCBs in kg in PCB transformers as of 12/31/2016:	0
PCB-contaminated transformers in service as of 12/31/2016:	3
PCB large capacitors in service as of 12/31/2016:	0
PCB-contaminated electrical equipment in service as of 12/31/2016:	2
PCB waste in kg ¹ generated in CY 2016:	35,453
PCB waste in kg ² shipped off-site for treatment/disposal in CY 2016:	22,807
PCB remediation waste < 49 mg/kg disposed of in on-site C-746-U Landfill:	0
PCB waste in kg ³ remaining in storage for disposal as of 12/31/2016:	55,310

Throughout CY 2016, PGDP generated 15 manifested shipments of PCB wastes to off-site disposal facilities. Twenty-two Certificates of Disposal were received in CY 2016 for PCB containers/items disposed of.

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

² The weights in kg are taken from the Uniform Hazardous Waste Manifests.

³ 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 Facilities 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, 1992,⁴ and subsequently was modified on September 25, 1997.⁵ 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.

⁴ Compliance Agreement between the United States Department of Energy and the United States Environmental Protection Agency, Washington, DC, February 20, 1992.

⁵ Letter to Alvin L. Alm, Assistant Secretary for Environmental Restoration, U.S. Department of Energy, and Terry Lash, Director, Office of Nuclear Energy, Science and Technology (NE-1). U.S. Department of Energy, from Craig Hook, director, Federal Facilities Enforcement Office, dated September 25, 1997.

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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) 2016, PGDP generated 15 manifested shipments to the following treatment/disposal facilities to dispose of PCB wastes:

- 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; and
- Perma-Fix facility in Gainesville, Florida.

The 2017 Baseline Low-Level Waste and Material Disposition Data include the following forecasted TSCA disposal activities for the next five years:

- Fiscal year (FY) 2017—dispose of ~ 2,644 ft³ (74.87 m³)
- FY 2018—dispose of ~ 472 ft³ (13.37 m³)
- FY 2019—dispose of ~ 472 ft³ (13.37 m³)
- FY 2020—dispose of ~ 472 ft³ (13.37 m³)
- FY 2021—dispose of ~ 472 ft³ (13.37 m³)

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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 kilograms (kg) are converted from pounds (lb) by the following conversion factor: 1 lb = 0.4536 kg.

Some waste 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. Consequently, the actual weight of waste not yet shipped may not be available for reporting, and reporting will be based on estimated weights. If the generator of the waste cannot provide enough information for an estimated weight of the waste, the weight may be estimated using historically determined weights by waste source. These weight estimates are based on actual data collected over past years and include the weight of the container. In these cases, the drums are assumed to be full. [Note: If the waste is in a portable container (tank) and the volume of liquid in the tank can be determined by observation, the estimate weight of the waste can be calculated without assuming that the tank is full.]

Table 4.1 below shows those historical weights of 55-gal drum equivalents containing waste from the sources shown. Weights are finalized later when the actual weights are determined using calibrated scales prior to shipment.

Table 4.1. Historical Weights of 55-gal Drums Based on Waste Type

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		
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

*The solid and liquid waste categories assume full drums of the waste as described.

In order to determine the mass of PCBs for reporting, the volume of the liquids containing PCBs must be determined or estimated. Using that volume, the mass of PCBs can be calculated using the formula:

$$\text{PCBs, kg} = A * B * C * D$$

Where:

A = gal of PCB liquid waste

B = density factor in lb/gal from Table 4.2

C = conversion factor 0.4536 kg/lb

D = PCB concentration factor multiplier from Table 4.2

Table 4.2 shows the factors to be used in the equation above for density (B) and PCB concentrations (D).

Table 4.2. Factors for Calculating Mass of PCBs per Container

Waste Source of Liquids	Density Factor lb/gal (B)	PCB Concentration Factor Fraction (D)
PCB-Contaminated Liquids, Nonaqueous	8 to 15	Measured or estimated PCB fraction
PCB Transformer Liquids	13	Measured or estimated PCB fraction
PCB Large Capacitor Liquids	13.5	1 (i.e., 100% PCBs)
PCB-Contaminated Transformer and Electrical Equipment (PCB contamination < 500 ppm) Liquids	8.34	Measured or estimated PCB fraction
PCB Waste Water	8.34	Measured or estimated PCB fraction

5. PCB WASTE MANIFESTS

Uniform Hazardous Waste Manifests (UHWMs) of PCB wastes shipped by the facility during the CY 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 2016.

Fifteen manifests with 87 containers of solid and liquid PCB wastes were shipped for disposal to the following disposal sites:

- EnergySolutions disposal facility in Clive, Utah;
- DSSI/Perma-Fix facility in Kingston, Tennessee;
- Clean Harbors Deer Park, LLC, facility in La Porte, Texas; and
- Perma-Fix facility in Gainesville, Florida.

Table 5.1 summarizes the 2016 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 were calculated 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 2016. When completing manifest documentation, Fluor Federal Services, Inc., Paducah Deactivation Program, 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

UHWM Number	Date Shipped	Shipped to Location Destination	Number of PCB Containers	Manifest Weight of PCB Items (kg)
006841794JJK	3/23/2016	DSSI Perma-Fix, Kingston, TN	3	562
006841795JJK	3/28/2016	EnergySolutions, Clive, UT	1	819
006841798JJK	3/28/2016	EnergySolutions, Clive, UT	52	2,734
006841802JJK	4/28/2016	EnergySolutions, Clive, UT	1	57
006841805JJK	5/20/2016	Clean Harbors, LaPorte, TX	1	11,303
006841810JJK	6/29/2016	Perma-Fix, Gainesville, FL	2	18
006841811JJK	6/30/2016	EnergySolutions, Clive, UT	12	276
006841813JJK	6/30/2016	EnergySolutions, Clive, UT	1	177
006841814JJK	7/19/2016	EnergySolutions, Clive, UT	2	3,960
006841816JJK	8/19/2016	Perma-Fix, Gainesville, FL	2	40
006841819JJK	8/26/2016	EnergySolutions, Clive, UT	1	4
006841822JJK	10/27/2016	DSSI Perma-Fix, Kingston, TN	5	880
006841824JJK	10/28/2016	EnergySolutions, Clive, UT	1	317
006841825JJK	10/28/2016	EnergySolutions, Clive, UT	1	233
006841826JJK	10/28/2016	EnergySolutions, Clive, UT	2	1,427

Total UHWM: 15

87

22,807

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 880008882	2. Page 1 of 3	3. Emergency Response Phone 1-270-441-8211	4. Manifest Tracking Number 006841794 JJK	
5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) 5511 Hobbs Road, Kevill, KY 42053 Generator's Phone: 1-270-441-5000				Generator's Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevill, KY 42053		
6. Transporter 1 Company Name East Transportation				U.S. EPA ID Number COR000005389		
8. Designated Facility Name and Site Address Diversified Scientific Services Inc. (DSSI) Permafrix 657 Callahan Rd., Kingston, TN 37763 Facility's Phone: 1-865-378-0084				U.S. EPA ID Number COR000005389 CORRECTED PER EMAIL LTC002505509 TND482109142 3-24-16		
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.
	X	1. Not Regulated per DOT	26	DM	4042	K
	RQ	2. NA3082, Hazardous waste, liquid, n.o.s. (D007, D008), 9, PGIII, (PCB, D007)	3	DM	562	K
	X	3. UN1993, Waste Flammable liquids, n.o.s., (D001, D018), 3, PG-II	1	DM	5	K
	RQ	4. UN1993, Waste Flammable liquids, n.o.s. (D001, D018), 3, PG-II	2	DM	123	K
13. Waste Codes						
14. Special Handling Instructions and Additional Information Truck: 1298 Trailer: 511 TID: 1085807 Accumulation Start Date: 04/22/15 PCB Start Date: 04/22/15 ERG # 171, #128 In the event of an RQ Release, call 1-800-424-8802 If undeliverable, return to generator						
15. GENERATOR'S CERTIFICATION: I hereby certify 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/Operator's Printed/Typed Name Chelle Telford on behalf of the US DOE				Signature Chelle Telford		Month Day Year 3 23 16
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 Greg Boone				Signature Greg Boone		Month Day Year 3 23 16
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		Month Day Year
18c. Signature of Alternate Facility (or Generator): DSSI						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
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 Dawn Garrett				Signature Dawn Garrett		Month Day Year 10 31 16

EPA Form 3706-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number KY 8890008882	22. Page 2	23. Manifest Tracking Number 008841794JK				
24. Generator's Name U.S. DOE c/o Fluor Federal Services, Inc. (FPDF) 5511 Hobbs Road, Kevill, KY 42052								
25. Transporter <i>CMT</i> Company Name Cast Transportation				U.S. EPA ID Number COR000005388				
26. Transporter _____ Company Name								
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					
	NA3082, Hazardous waste, liquid, n.o.s. (D006, D008), 8, PGIII, (D006, D008)	1	DF	27	K	D006	D008	D018
32. Special Handling Instructions and Additional Information Accumulation Start Date: 08/10/15 ERG # 171 In the event of an RQ Release, call 1-800-424-8802 EXCLUSIVE USE SHIPMENT. See Attachment for Additional Info If undeliverable, return to generator Shipment ID: <i>008841794JK</i>								
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name: <i>Greg Boon</i> Signature: <i>Greg Boon</i> Month: <i>3</i> Day: <i>23</i> Year: <i>16</i>								
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)								

PCB and Additional Information Attachment, Page 3 of 3

Manifest Number: 006841794JJK

Shipment ID Number: DSSJ-16-031

Shipment Date: 3/23/2016

UHV/M Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	Accumulation Storage Date	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)	Maximum Activity MBq	
9b 1	117418	117418-01	PAD16C30457	USED OIL FROM KOMATSU 400	N/A	N/A	2.7	229	103.87	0.26	
9b 1	117418	117418-02	PAD16C30355	USED OIL FROM KOMATSU 400	N/A	N/A	7	432	195.95	0.26	
9b 1	119720	119720-01	PAD16C21523	USED OIL	N/A	N/A	7.4	488	221.35	0.26	
9b 1	119720	119720-02	PAD15C21524	USED OIL	N/A	N/A	7.4	426	193.23	0.26	
9c 1	119720	119720-03	PAD15C21525	USED OIL	N/A	N/A	7.4	470	213.19	0.26	
9b 1	119737	119737-01	PAD15C25578	USED OIL	N/A	N/A	7.4	452	205.02	0.26	
9b 1	119737	119737-02	PAD15C25577	USED OIL	N/A	N/A	7.4	423	191.87	0.26	
9b 1	119873	119873-01	PAD15C25569	USED OIL - C-631 NON PCB TRANSFORMER OIL	N/A	N/A	7.4	411	186.43	0.26	
9c 1	119873	119873-02	PAD15C25570	USED OIL - C-631 NON PCB TRANSFORMER OIL	N/A	N/A	7.4	434	196.86	0.26	
9b 1	119873	119873-03	PAD15C25571	USED OIL - C-631 NON PCB TRANSFORMER OIL	N/A	N/A	7.4	427	193.68	0.26	
9b 1	119873	119873-04	PAD15C25572	USED OIL - C-631 NON PCB TRANSFORMER OIL	N/A	N/A	7.4	430	195.04	0.26	
9b 1	119873	119873-05	PAD15C25573	USED OIL - C-631 NON PCB TRANSFORMER OIL	N/A	N/A	7.4	447	202.75	0.26	
9b 1	119873	119873-06	PAD15C25574	USED OIL - C-631 NON PCB TRANSFORMER OIL	N/A	N/A	7.4	419	190.05	0.26	
9b 1	119873	119873-07	PAD15C25575	USED OIL - C-631 NON PCB TRANSFORMER OIL	N/A	N/A	7.4	446	202.30	0.26	
9b 1	119873	119873-08	PAD15C25576	USED OIL - C-631 NON PCB TRANSFORMER OIL	N/A	N/A	7.4	282	127.91	0.26	
9b 1	119978	119978-01	PAD15C21452	TRANSMISSION OIL	N/A	N/A	4.68	292	132.45	0.26	
9b 1	119978	119978-02	PAD15C21493	TRANSMISSION OIL	N/A	N/A	7	344	156.03	0.26	
9b 1	119986	119986-01	PAD15C21472	GEAR LUBRICANT OIL	N/A	N/A	6.02	444	201.39	0.26	
9b 1	119986	119986-02	PAD15C21473	GEAR LUBRICANT OIL	N/A	N/A	6.02	402	182.34	0.26	
9b 1	119986	119986-03	PAD15C21483	GEAR LUBRICANT OIL	N/A	N/A	6.02	432	195.95	0.26	
9b 1	119986	119986-04	PAD15C21484	GEAR LUBRICANT OIL	N/A	N/A	6.02	406	184.16	0.26	
9b 1	119986	119986-05	PAD15C21491	GEAR LUBRICANT OIL	N/A	N/A	6.02	330	149.68	0.26	
9b 1	119986	119986-06	PAD15C21492	GEAR LUBRICANT OIL	N/A	N/A	6.02	442	200.49	0.26	
9b 1	119986	119986-07	PAD15C21496	GEAR LUBRICANT OIL	N/A	N/A	6.02	356	161.48	0.26	
9b 1	119986	119986-08	PAD15C21497	GEAR LUBRICANT OIL	N/A	N/A	6.02	442	200.49	0.26	
9b 1	119986	119986-09	PAD15C25851	GEAR LUBRICANT OIL	N/A	N/A	6.68	282	127.91	0.26	
9b 2	119802	119802-01	PAD15C21442	VENTILATION DUCT OIL AND WATER	04/22/15	04/22/15	7.5	470	213.19	1.56	
9b 2	119802	119802-02	PAD15C21443	VENTILATION DUCT OIL AND WATER	05/20/15	05/20/15	7.5	458	207.74	1.56	
9b 2	119802	119802-03	PAD15C21444	VENTILATION DUCT OIL AND WATER	06/24/15	06/24/15	7.5	478	216.82	1.56	
9b 3	119815	119815-01	PAD15C21536	GASOLINE/DIESEL FUEL REMOVED FROM EQUIPMENT	N/A	05/20/15	0.334	24	10.89	0.08	
9b 4	120191	120191-01	PAD15C21807	GASOLINE/WATER MIXTURE REMOVED FROM EQUIPMENT	N/A	07/09/15	3.7	186	84.37	0.08	
9b 4	119808	119808-01	PAD15C21144	OIL W/MINIMAL AMOUNT OF DIESEL FUEL	N/A	02/23/16	1.48	198	89.81	0.08	
27a 1	119890	119890-01	PAD15C25710	OIL AND COOLANT FROM PARTS CLEANER	N/A	09/10/15	1.07	76	34.47	0.08	
Totals							33	201.50	12278	5668	11.71

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KV 680008882	2. Page 1 of 2	3. Emergency Response Phone 1-270-441-8211	4. Manifest Tracking Number 006841795 JJK	
5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc (FPDP) 5511 Hobbs Road, Kevill, KY 42053			Generator's Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services Inc (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevill, KY 42053			
Generator's Phone: 1-270-441-6000			U.S. EPA ID Number COR000006388			
6. Transporter 1 Company Name CAST Transportation			U.S. EPA ID Number			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address EnergySolutions Clive Disposal Site-Treatment Facility US I-80 Exit 48, Clive, UT 84028			U.S. EPA ID Number LTD082508808			
Facility's Phone 1-435-884-0155			U.S. EPA ID Number			
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/Lbs.	13. Waste Codes
		No.	Type			
RQ	UN2813, Waste, Radioactive material, surface contaminated objects (SCO-1), 7, Tc-99, Solid/Oxide, (D008, PCB), 173 MBq, Fissile Excepted	1	CM	816	K	D008
14. Special Handling Instructions and Additional Information Truck: 1206, Trailer: 572 TID: 1075605 Accumulation Start Date: N/A PCB Start Date: 08/08/15 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 P101801 Shipment ID: 0701020048 02/25/16						
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. I export shipment and from the Primary Exporter, I certify that the waste minimization statement identified in 40 CFR 262.22(a) (1) (I am a large quantity generator) or (b) (I am a small quantity generator) is true.						
Generator's/Offeror's Printed/Typed Name Lochelle Telfair on behalf of the US DOE			Signature <i>Lochelle Telfair</i>		Month Day Year 3 28 16	
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 Irene Boone			Signature <i>Irene Boone</i>		Month Day Year 3 25 16	
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 H132		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 J. Gardner			Signature <i>J. Gardner</i>		Month Day Year 3 5 16	

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APR 25 2016
BY: *[Signature]*

PCB and Additional Information Attachment, Page 2 of 2

Manifest Number: 006841795 JJK

Shipment ID Number: 9701-02-0013

Shipment Date: 3/28/2016

UHM Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (ft ³)	GROSS WT (lb)	Gross Wt (Kg)	Maximum Activity MBq
9b.1	120344	120344-01	PAD16C30557	PCB Contaminated RCRA Debris	06/03/15	90	2522	1144	173
Totals			1			90	2522	1144	173

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 8890308892	2. Page 1 of 1	3. Emergency Response Phone 1-270-441-8211	4. Manifest Tracking Number 006841798 JJK	
5. Generator's Name and Mailing Address U.S. DOE w/o Fluor Federal Services, Inc. (FFDP) 5511 Hobbs Road, Kevil, KY 42053 Generator's Phone: 1-270-441-6000						
Generator's Site Address (if different than mailing address) U.S. DOE w/o Fluor Federal Services, Inc. (FFDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevil, KY 42053						
6. Transporter 1 Company Name CAST Transportation				U.S. EPA ID Number COR000006388		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address Energy Solutions Clive Disposal Site-Bulk Waste Facility US I-80 Exit 48, Clive, UT 84028 Facility's Phone: 1-435-884-0155				U.S. EPA ID Number LTD882588888		
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			
UN 2912, Radioactive material, low specific activity (LSA-I), 7, (PCB), Tc-99, U-234, Solid/Oxide, 75.85 MBq, Fissile Excepted		40	DM	341	K	
UN 3077, Environmentally hazardous substance, solid, n.s.s. (PCB), E: III, (PCB)		42 44 44-22-16	DM	1074 4885 54-28-16	K	
14. Special Handling Instructions and Additional Information Truck: 1296 Van: 522 TID: 1085605 Accumulation Start Date: N/A PCB Start Date: 04/08/16 ERG #162 & 171 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 PRO8652 Shipment ID: 7307-15-00012 E15724/16						
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 LaChelle Teltair on behalf of the USMEI						Signature [Signature] Month Day Year 3 12 16
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: Greg Boone Signature: [Signature] Month Day Year: 3 28 16 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. 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: J. Gearhart Signature: [Signature] Month Day Year: 3 31 16						

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 APR 25 2016
 BY: [Signature]

Manifest Number: 006841798JJK

Shipment ID Number: 7307-15-000 ²

Shipment Date: 3/28/2016 ^{5/24/16}

UHW/M Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)	Maximum Activity MBq
9b.1	119689	119689-04	PAD15C21417	SPILL CLEANUP FROM VENT DUCT TROUGHS	04/09/15	7.2	99	44.91	4.349
9b.1	119803	119803-01	PAD15C21507	SPILL CLEANUP FROM VENT DUCT TROUGHS	05/27/15	7.4	118	53.52	6.270
9b.1	119803	119803-02	PAD15C21508	SPILL CLEANUP FROM VENT DUCT TROUGHS	10/20/15	7.4	159	72.12	10.417
9b.1	119803	119803-03	PAD15C26102	SPILL CLEANUP FROM VENT DUCT TROUGHS	11/18/15	7.4	152	68.95	9.709
9b.1	119803	119803-04	PAD15C26103	SPILL CLEANUP FROM VENT DUCT TROUGHS	11/19/15	7.4	147	66.68	9.203
9b.1	119803	119803-05	PAD15C26134	SPILL CLEANUP FROM VENT DUCT TROUGHS	01/06/16	7.4	114	51.71	5.866
9b.1	119874	119874-01	PAD15C25581	PCB SOLIDS FROM DECON OF PCB AREAS, ITEMS	07/30/15	7.4	148	67.13	9.304
9b.1	119874	119874-02	PAD15C25582	PCB SOLIDS FROM DECON OF PCB AREAS, ITEMS	07/30/15	7.4	136	61.69	8.091
9b.1	119874	119874-03	PAD15C25081	PCB SOLIDS FROM DECON OF PCB AREAS, ITEMS	08/31/15	7.4	100	45.36	4.652
9b.1	119874	119874-04	PAD15C25082	PCB SOLIDS FROM DECON OF PCB AREAS, ITEMS	08/28/15	7.4	136	61.69	8.091
9b.2	119845	119845-01	PAD15C25558	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	06/18/15	7.4	94	42.64	N/A
9b.2	119845	119845-02	PAD15C25565	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	06/18/15	7.4	104	47.17	N/A
9b.2	119845	119845-03	PAD15C25563	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	06/30/15	7.4	108	48.99	N/A
9b.2	119845	119845-04	PAD15C25566	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	06/30/15	7.4	116	52.62	N/A
9b.2	119845	119845-05	PAD15C25567	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	07/30/15	7.4	108	48.99	N/A
9b.2	119845	119845-06	PAD15C25560	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	07/30/15	7.4	174	78.92	N/A
9b.2	119845	119845-07	PAD15C25561	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	08/12/15	7.4	90	40.82	N/A
9b.2	119845	119845-08	PAD15C25562	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	08/22/15	7.4	98	44.45	N/A
9b.2	119845	119845-09	PAD15C25564	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	08/12/15	7.4	120	54.43	N/A
9b.2	119845	119845-10	PAD15C25568	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	08/12/15	7.4	102	62.55	N/A
9b.2	119845	119845-11	PAD15C25067	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	09/09/15	7.4	108	48.99	N/A
9b.2	119845	119845-12	PAD15C25068	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	09/16/15	7.4	118	53.52	N/A
9b.2	119845	119845-13	PAD15C25069	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	09/23/15	7.4	98	44.45	N/A
9b.2	119845	119845-14	PAD15C25070	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	09/18/15	7.4	111	50.35	N/A

4-28-16

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PCB and Additional Information Attachment, Page 3 of 4

Manifest Number: 006841798JJK

Shipment ID Number: 7307-15-0001 ²
 5/24/16

Shipment Date: 03/28/16

9b.2	119845	119845-15	PAD15C25061	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	09/01/15	7.4	114	51.71	N/A
9b.2	119845	119845-16	PAD15C25066	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	08/31/15	7.4	117	53.07	N/A
9b.2	119845	119845-17	PAD15C25065	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	09/21/15	7.4	107	48.53	N/A
9b.2	119845	119845-18	PAD15C25062	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	09/25/15	7.4	125	56.70	N/A
9b.2	119845	119845-19	PAD15C25063	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	09/25/15	7.4	120	54.43	N/A
9b.2	119845	119845-20	PAD15C25064	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/01/15	7.4	106	48.08	N/A
9b.2	119845	119845-21	PAD15C25957	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	09/28/15	7.4	101	45.81	N/A
9b.2	119845	119845-22	PAD15C25958	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/26/15	7.4	106	48.08	N/A
9b.2	119845	119845-23	PAD15C25956	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/08/15	7.4	110	49.89	N/A
9b.2	119845	119845-24	PAD15C25955	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/05/15	7.4	115	52.16	N/A
9b.2	119845	119845-25	PAD15C25954	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/09/15	7.4	140	63.50	N/A
9b.2	119845	119845-26	PAD15C25841	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/12/15	7.4	116	52.62	N/A
9b.2	119845	119845-27	PAD15C25842	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/15	7.4	134	60.78	N/A
9b.2	119845	119845-28	PAD15C26273	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/06/15	7.4	114	51.71	N/A
9b.2	119845	119845-29	PAD15C25843	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/15	7.4	101	45.81	N/A
9b.2	119845	119845-30	PAD15C25845	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/15	7.4	116	52.62	N/A
9b.2	119845	119845-31	PAD15C25844	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/02/15	7.4	112	50.80	N/A
9b.2	119845	119845-32	PAD15C26278	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/30/15	7.4	119	53.98	N/A
9b.2	119845	119845-33	PAD15C26277	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/07/15	7.4	105	47.63	N/A
9b.2	119845	119845-34	PAD15C26285	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/15	7.4	99	44.91	N/A
9b.2	119845	119845-35	PAD15C26274	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/19/15	7.4	102	46.27	N/A
9b.2	119845	119845-36	PAD15C26276	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/15	7.4	120	54.43	N/A
9b.2	119845	119845-37	PAD15C26275	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/08/15	7.4	93	42.18	N/A

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Manifest Number: 006841798JJK
 Shipment ID Number: 7307-15-00012
 Shipment Date: 3/28/2016 0.5/24/16

UHMW Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)	Activity MBq
9b.1	119845	119845-38	PAD15C26279	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/08/15	7.4	103	46.72	N/A
9b.1	119845	119845-39	PAD15C26280	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/08/15	7.4	111	50.35	N/A
9b.1	119845	119845-40	PAD15C26281	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/09/15	7.4	126	57.15	N/A
9b.1	119845	119845-41	PAD15C26284	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/15	7.4	98	44.45	N/A
9b.1	119845	119845-42	PAD15C26286	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/15	7.4	96	43.54	N/A
9b.1	119845	119845-43	PAD15C26283	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/17/15	7.4	146	66.22	N/A

Totals ~~53~~ *52* ~~392~~ *385* ~~6210~~ *6028* ~~2817~~ *2734* ~~75.95~~ *75.95* *LT 4-28-16*

PCB and Additional Information Attachment, Page 2 of 2

Manifest Number: 006841802JJK

Shipment ID Number: 9701-15-0007

Shipment Date: 3/28/2016

UHM Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)	Maximum Activity MBq
90.1	119845	119845-10	PAD15C25568	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	08/12/15	7.4	182	83	N/A
		Totals	1			7.4	182	83	N/A

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Arrived 3/31/16
Remainder dated from 7307-15-0001

Please print or type (Form designed for use on ellipse (12-pitch) typewriter). Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 8880008882		2. Page # of 2		3. Emergency Response Phone 1-270-441-8211		4. Manifest Tracking Number 006841802 JJK		
5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) 5511 Hobbs Road, Kevill, KY 42053 Generator's Phone: 270-441-5000					Generators Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevill, KY 42053					
6. Transporter 1 Company Name CAST Transportation					U.S. EPA ID Number COR000008388					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address US I-80 Exit 49, Clive, UT 84029 1-435-884-0155					U.S. EPA ID Number UTD982598888					
9a. HHA					10. Containers		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes	
9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) UN 3077, Environmentally hazardous substance, solid, n.o.s. (PCB),					No.	Type				
9c. III, (PCB)					1	DM	67	K		
14. Special Handling Instructions and Additional Information Truck: 1286 Van: 522 TID: 1085605 Accumulation Start Date: N/A PCB Start Date: 08/12/15 ERG #171 In the event of an RQ Release, call 1-800-424-8802 Exclusive Use Shipment, See PCB Attachment for Additional Info					If undeliverable, return to generator Shipments ID: 9701-15-0007					
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 Lachelle Telfair on behalf of the US DOE					Signature <i>[Signature]</i>			Month Day Year 14/28/16		
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 See driver printed name, signature, and date of 7307-15-0001										
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. H132	2.	3.	4.	5.	6.	7.	8.	9.	10.	
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 Thomas Wright										
Signature <i>[Signature]</i>					Month Day Year 10/24/16					

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

RECEIVED
MAY 26 2016
[Signature]

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 8890008982	2. Page 1 of 2	3. Emergency Response Phone 1-270-441-8211	4. Manifest Tracking Number 006841805 JJK		
5. Generator Name and Site Address U.S. DOE Paducah Federal Services, Inc., Paducah Deactivation Project (FPDF) 5511 Hobbs Road, Kevit, KY 42053		Generator Site Address (If not same as generator) U.S. DOE Paducah Federal Services, Inc., Paducah Deactivation Project (FPDF) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevit, KY 42053					
6. Generator's Phone 1-270-441-5000		8. Transporter 1 Company Name Clean Harbors Environmental Services		U.S. EPA ID Number MAD039322250			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Clean Harbors Deer Park, LLC 2027 Independence Parkway South LaPorte, TX 77571		U.S. EPA ID Number MAD039322250					
Facility's Phone 1-281-930-2300							
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 Vol./Vol.	13. Waste Codes
	RQ	UN3082, Environmentally hazardous substances, liquid, n.o.s. (PCB), 9, III contains oil "Marine Pollutant"	1	TT	11,303	K	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information Truck: 1705 Tanker: US444T TID: 279071 PCB Start Date: 05/20/16 ERG # 171 In the event of an RQ Release, call 1-800-424-8802 If undeliverable, return to generator See PCB Attachment for Additional Info Shipment ID: FLR16-HSPCB_055							
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 Regina Pea on behalf of DOE		Signature Regina Pea		Month Day Year 05/20/16			
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 Robert Fulman Signature Month Day Year 5/20/16 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"/> Full Rejection Manifest Reference Number: RECEIVED MAY 24 2016 BY: [Signature]							
18b. Alternate Facility (or Generator) 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. H040 2. 3. 4.							
DESIGNATED FACILITY		20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest as noted in item 18a Printed/Typed Name Terrysha Woods		Signature Terrysha Woods		Month Day Year 5/22/16	

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

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

PCB and Additional Information Attachment, Page 2 of 2

Shipment ID Number: FLR15-HSPCB_055

Shipment Date: 5/20/2016

UHWM Section	Tanker#	Description	WASTE VOLUME (gal)	GROSS WT (lb)	Gross Wt (Kg)	WASTE ID	PCB Date to Storage	TID
9b.1	US444T	PCB Rinseate Oil	3476	24,920	11303	119880-61	05/20/16 <i>CS 5/20/16</i>	279071
Totals			3476	24920	11303			

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 8890008982	2. Page 1 of 3	3. Emergency Response Phone 1-270-441-6211	4. Manifest Tracking Number 006841810 JJK		
5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) 5511 Hobbs Road, Kevill, KY 42053 Generator's Phone: 1-270-441-5000			5. Generator's Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevill, KY 42053				
6. Transporter 1 Company Name Hittman Transport Services				U.S. EPA ID Number TNR000034686			
7. Transporter 2 Company Name Permatix FL				U.S. EPA ID Number			
8. Designated Facility Name and Site Address 1940 NW 87th Place Gainesville, FL 32653 1-352-395-1344				U.S. EPA ID Number FLD980711071			
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 No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	UN 2910, Radioactive material, excepted package-limited quantity of material	2	CM	1085	K	
		2. Not DOT Regulated	2	DM	193	K	
	RQ	UN 2912, Waste Radioactive material, low specific activity (LSA-1) 7 PCB, U-234, solid/oxide	1	DM	5	K	D002 D007 D010 D002 D007 D010 F001 F002 U-228 F001 F002 U-228
	X	HA 3077, Hazardous waste, solid, n.o.s. (contains Trichloroethylene), 9, III	1	DM	128	K	D040
14. Special Handling Instructions and Additional Information Truck: 238 A Van: W07586 ID: 2061522 Accumulation Start Date: 07/08/15 PCB Start Date: 08/05/15 ERG # 161, #162, #171 In the event of an RQ Release, call 1-800-424-8802 If undeliverable, return to generator (See Attachment for Additional Info 1/2) P8,0 W000 H061 3) D2,0 W001 H191 Shipment ID: 02616 4) D 450 W002 H191							
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 LaChelle Telfair on behalf of the US DOE					Signature LaChelle Telfair		Month Day Year 16 12 16
TRANSPORTER INT'L	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 Wade Thornburg Signature Wade Thornburg Month Day Year 16 12 16 Transporter 2 Printed/Typed Name Signature Month Day Year						
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input checked="" type="checkbox"/> Type RECEIVED <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection JUL 11 2016 Manifest Reference Number:						
	18b. Alternate Facility (or Generator) BY: <i>[Signature]</i>				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. H061		2. H061		3. H191		4. H191	
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 Tom McBERT					Signature Tom McBERT		Month Day Year 16 12 16

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number KY 8800008982	22. Page 2	23. Manifest Tracking Number 006841810JJK					
24. Generator's Name U.S. DOE c/o Fluor Federal Services, Inc. (FPDF) 5511 Hobbs Road, Kevii, KY 42053 <i>[Signature]</i>									
25. Transporter <u>1</u> Company Name Hittman Transport Services				U.S. EPA ID Number TNR000034686					
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			D040	F001	F002	
X	NA 3077, Hazardous waste, solid, n.o.s.(contains Trichloroethylene), 9, III	1	DM	51	K	U-228			7
RQ	NA 3082, Hazardous waste, liquid, n.o.s.(contains hydraulic oil), 9, PCB, III	1	DM	13	K	D006	D007	D008	8
	Not DOT Regulated 60378-T	1	CM	1673	K				9
32. Special Handling Instructions and Additional Information ERG #171 In the event of an RQ Release, call 1-800-424-8802 See Attachment for Additional Info 1) D40 WOOD H141 2) D30 WOOD H141 3) D70 WOOD H141									
				Accumulation Start Date: 03/04/18		PCB Start Date 08/22/18		If undeliverable, return to generator Shipment ID: 006841810JJK	
TRANSPORTER	33. Transporter <u>1</u> Acknowledgment of Receipt of Materials			Signature		Month Day Year			
	Printed/Typed Name <i>Wade Thorpe</i>			<i>[Signature]</i>		10 22 18			
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)									
		H141		H141		H141			

PCB and Additional Information Attachment, Page 3 of 3

Manifest Number: 006841810JJK

Shipment ID Number: 02620

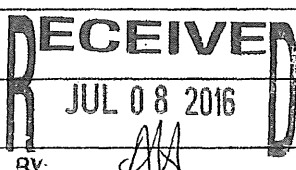
Shipment Date: 6/29/2016

UHMW Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	Accumulation Storage Date	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)	Maximum Activity (MBq)
9b 1	115917	115917-01	PAD15C25732	NON-PCB TRANSFORMERS	N/A	N/A	45	1872	849.12	1.99
9b 1	118321	118321-01	PAD15C21209	BLDG DEMOLITION DEBRIS (BULK MATERIALS, EMPTY TANKS, TRANSFORMERS, BALLASTS, ETC.)	N/A	N/A	90	1974	895.39	3.99
9b.2	118321	118321-02	PAD15C25530	BLDG DEMOLITION DEBRIS (BULK MATERIALS, EMPTY TANKS, TRANSFORMERS, BALLASTS, ETC.)	N/A	N/A	6.5	270	122.47	N/A
9b 2	118321	118321-03	PAD15C25538	BLDG DEMOLITION DEBRIS (BULK MATERIALS, EMPTY TANKS, TRANSFORMERS, BALLASTS, ETC.)	N/A	N/A	6.5	288	121.56	N/A
9b.3	120194	120194-01	PAD15C21821	RCRATSCA/LLW LABPACKED SAMPLE RESIDUALS/EXTRACTS FROM C-710 LAB	08/05/15	08/05/15	0.67	22	9.98	2.83
9b 4	108325	108325-01	PAD16C30586	FILTER CAKE FILTER PRESS CLEANOUT, PLASTIC SHEETING	N/A	07/08/15	7	339	153.77	N/A
27a 1	117399	117399-01	PAD15C21210	FILTER MEDIA AND ASSOCIATED DEBRIS- FILTER BAGS, ABSORBENT PADS, PPE (TCE-CONTAMINATED)	N/A	03/04/16	14.71	168	76.20	N/A
27a 2	120085	120085-02	PAD16C31262	OILS AND LIQUIDS DRAINED FROM OBSOLETE AND NON-FUNCTIONAL EQUIPMENT PREVIOUSLY STORED IN THE C-727 FACILITY	06/22/16	06/22/16	0.67	46	20.87	N/A
27a 3	120250	120250-01	PAD16C30401	ACID PIPING GENERATED FROM THE D&D OF THE PGDP C-616-G FACILITY (DRY)	N/A	N/A	85	4404	1997.61	N/A
		Totals	9				256.05	9363	4247	8.81

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 8880008882	2 Page 1 of 2	3. Emergency Response Phone 1-270-441-8211	4. Manifest Tracking Number 006841811 JJK			
5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) 5511 Hobbs Road, Kevill, KY 42053 Generator's Phone: 1-270-441-5000				Generator's Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevill, KY 42053				
6. Transporter 1 Company Name CAST Transportation				U.S. EPA ID Number CCR000005389				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Designated Facility Name and Site Address EnergySolutions Clive Disposal Site-Treatment Facility US I-80 Exit 49, Clive, UT 84029 Facility's Phone: 1-801-849-2175				U.S. EPA ID Number UTD982598888				
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 WL/Vol.	13. Waste Codes
		1. UN3077, Environmentally hazardous substance, solid, n.o.s., RC (PCB), 9, PG III		No.	Type	276	K	
		2.						
		3.						
		4.						
								
14. Special Handling Instructions and Additional Information Truck: 1417 Trailer: 511 TID: 2061560 Accumulation Start Date: N/A PCB Start Date: 12/28/15 ERG # 162 In the event of an RQ Release, call 1-800-424-8802 If undeliverable, return to generator See PCB Attachment for Additional Info <i>PCOB-74</i> Shipment ID: 9701-17-0001								
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>Regina Row on behalf of DOE Virginia Per</i> Month Day Year <i>06 30 16</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>Larry Schultz</i> Signature <i>Larry Schultz</i> Month Day Year <i>06 30 16</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								
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>J. Gads</i> Signature <i>J. Gads</i> Month Day Year <i>7 5 16</i>								

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 8890008882	2. Page 1 of 2	3. Emergency Response Phone 1-270-441-6211	4. Manifest Tracking Number 006841813 JJK				
5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) 5511 Hobbs Road, Kevill, KY 42053				Generator's Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevill, 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 48, Clive, UT 84029				U.S. EPA ID Number UTD082508898					
Facility's Phone: 1-435-884-0155				UTD082508898					
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	
		UN 2813, Radioactive material, surface contaminated objects (SCO-II), 7, Np-237, Tc-99, Th-230, U-234, (PCB), Solid/Oxide, 2 MBq, Fissile Excepted		No.	Type	177	K		
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information Truck: 1417 Trailer: 511 ID: 2061560 Accumulation Start Date: N/A PCB Start Date: 01/05/16 ERG # 162 In the event of an RQ Release, call 1-800-424-8902 If undeliverable, return to generator Exclusive Use Shipment, See PCB Attachment for Additional Info Shipment ID: 8701-21-0014									
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 Regina Pea on behalf of DOE				Signature Regina Pea		Month Day Year 06/30/16			
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 Larry Schultz				Signature Larry Schultz		Month Day Year 6/30/16			
Transporter 2 Printed/Typed Name				Signature		Month Day Year			
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <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. 4132		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 Albert Evans				Signature Albert Evans		Month Day Year 7/5/16			

Manifest Number: 006841813JJK

Shipment ID Number: 9701-21-0014

Shipment Date: 6/30/2016

UHMW Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)	Maximum Activity MBq
9b.1	120572	120572-01	PAD16C30160	NON-LEAKING PCB FLUORESCENT LIGHT BALLASTS, LARGE AND SMALL PCB CAPACITORS.	01/05/16	7.4	446	202	2
		Totals	1			7.4	446	202	2

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 8890008882	2. Page 1 of 2	3. Emergency Response Phone 1-270-441-8211	4. Manifest Tracking Number 006841814 JJK
5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) 5511 Hobbs Road, Kevill, KY 42053 Generator's Phone: 1-270-441-5000			Generator's Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevill, KY 42053		
6. Transporter 1 Company Name Hittman Transport Services			U.S. EPA ID Number TNR000034888		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name Energy Solutions One Disposal Site-Treatment Facility US I-80 Exit 49, Clive, UT 84028 1-435-884-0155			U.S. EPA ID Number UTD982598898		
14. Special Handling Instructions and Additional Information Truck: 003 Trailer: F480132 ERG # 171, 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: 02/25/16 If undeliverable, return to generator Shipment ID: 8701-21-0015					
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 <i>Lachelle Ted Rieck on behalf of the US DOE</i>					
Signature <i>Lachelle Ted Rieck</i>					
Month Day Year 7 19 16					
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>JEFF BRAUMACEN</i>					
Signature <i>Jeff Braumacen</i>					
Month Day Year 7 19 16					
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) Reference Number: U.S. EPA ID Number:					
Facility's Phone:					
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. <i>H132</i>		2. <i>H132</i>		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 <i>Albert Euns</i>					
Signature <i>Albert Euns</i>					
Month Day Year 7 22 16					

PCB and Additional Information Attachment, Page 2 of 2

Manifest Number: 005841814JJK

Shipment ID Number: 9701-21-0015

Shipment Date: 7/19/2016

UHMW Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (fl3)	GROSS WT (lb)	NET WT (lb)	Maximum Activity MBq
9b.1	120569	120569-01	PAD16C31261	PCB BEARING SCRAP EQUIPMENT AND MATERIALS	06/21/16	30	1798	1083	N/A
9b.2	120569	120569-02	PAD16C31266	PCB BEARING SCRAP EQUIPMENT (MOTOR)	02/25/16	60	7700	7647	4.95
		Totals	2			90	9498	8730	4.95

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 88900008982	2. Page 1 of 2	3. Emergency Response Phone 1-270-441-6211	4. Manifest Tracking Number 006841816 JJK			
5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) 5511 Hobbs Road, Kevil, KY 42053			Generator's Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevil, KY 42053					
Generator's Phone: 1-270-441-5000								
6. Transporter 1 Company Name Hittman Transport Services			U.S. EPA ID Number TNR000034688					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address Permax FL 1940 NW 87th Place Gainesville, FL 32653			U.S. EPA ID Number FLD980711071					
Facility's Phone: 1-352-395-1344								
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	
	RQ	1. NA 3062, Hazardous waste liquid, n.o.s. (Ethylene Glycol Solution), 9, PG-III	No.	Type	72	K	D008	
	RQ	2. UN 1993, Waste Flammable liquid, n.o.s. (Methanol, Trichloroethylene), 3, RQ (PCB), PG-II	1	DM	11	K	D001 F001 F002 F003 U228	
	RQ	3. NA 3077, Hazardous waste solid, n.o.s. (Methanol, Trichloroethylene), 9, RQ (PCB), PG-III	1	DM	28	K	F001 F002 F003 U228	
		4.						
		Truck: 961 Van: W06411 TID: 2062388		Accumulation Start Date: 04/27/16		PCB Start Date: 04/28/16		
14. Special Handling Instructions (Additional information on the event of an RQ Release, call 1-800-424-8802)				If undeliverable, return to generator				
See Attachment for Additional Info				Shipment ID: 02023				
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/Offseror's Printed/Typed Name Lochelle Telfair on behalf of the US DOE						Signature <i>Lochelle Telfair</i>		Month Day Year 8 / 19 / 16
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 BILLY CLEEK						Signature <i>Billy Cleek</i>		Month Day Year 08 / 19 / 16
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 Name						U.S. EPA ID Number		
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator)								
Signature <i>Tom McLaeth</i>						Month Day Year 8 / 22 / 16		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H141		2. H141		3. H141		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 Tom McLaeth						Signature <i>Tom McLaeth</i>		Month Day Year 8 / 22 / 16

Manifest Number: 006841816JJK

Shipment ID Number: 02623

Shipment Date: 8/19/2016

UHWM Section	RFD	Container / WASTE ID	Barcode:	Description	PCB Date to Storage	Accumulation Storage Date	NET VOLUME (ft ³)	GROSS WT (lb)	Gross WT (Kg)
9b 1	119807	119807-01	PAD15C21143	ETHYLENE GLYCOL (ANTI-FREEZE)	N/A	05/12/16	1.6	214	97.07
9b 2	120702	120702-01	PAD16C30475	Solution from sample analysis using PCB test kits	07/07/16	04/27/16	0.33	37	16.78
9b.3	120703	120703-01	PAD16C30476	PPE paper plastic glass debris PCB kits sample analysis	04/28/16	04/28/16	6	120	54.43
Totals			3				7.93	371	168

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 8890008982	2. Page 1 of 2	3. Emergency Response Phone 1-270-441-8211	4. Manifest Tracking Number 006841819 JJK	
5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) 5511 Hobbs Road, Kevil, KY 42053			Generator's Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevil, KY 42053			
Generator's Phone: 1-270-441-5000			U.S. EPA ID Number TNR000004686			
6. Transporter 1 Company Name Hittman Transport Services			U.S. EPA ID Number UTD982598898			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address EnergySolutions Clive Disposal Site-Treatment Facility US I-80 Exit 49, Clive, UT 84029			U.S. EPA ID Number UTD982598898			
Facility's Phone: 1-435-884-0155						
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. UN 1993, Waste Flammable Liquids, n.o.s., 3, PG-II, RQ(D001, D038)	1	DM	86	K	D001 D038 P022
	2. UN 2811, Waste Toxic Solids, organic, n.o.s., 6.1, PG-II	1	DM	4	K	U154 U190 U221
	3. UN 2810, Waste Toxic Liquids, organic, n.o.s., 6.1, PG-III	1	DM	80	K	U080
	4. UN 1993, Waste Flammable Liquids, n.o.s., 3, PG-II	1	DM	4	K	D001
14. Special Handling Instructions and Additional Information Truck: 107C Van: W05933 TID: 2062387 Accumulation Start Date: 08/17/16 PCB Start Date: 08/17/16 ERG #s 128, 153, & 154 In the event of an RQ Release, call 1-800-424-8802 If undeliverable, return to generator See PCB Attachment for Additional Info Shipment ID: 0701-15-0006						
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/Offerior's Printed/Typed Name LaChelle Telfair on behalf of the US DOE			Signature <i>LaChelle Telfair</i>		Month Day Year 8 26 16	
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 Sheri Jones			Signature <i>Sheri Jones</i>		Month Day Year 08 26 16	
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. _____
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	

Manifest Number: 006841819JJK

Shipment ID Number: 9701-15-0008

Shipment Date: 8/26/2016

UHM Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	Accumulation Storage	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)
9b.1	120855	120855-01	PAD16C31582	CLASS 3 ORGANIC AND INORGANIC LIQUIDS - 20 LITER PYRIDINE - 7 L TOLUENE - 1500 ML CARBON DISULFIDE, 500 ML DECAHYDRONAPHTHALENE, 118 ML DIACETYL (DIKETOBTONE), 500 ML ETHYL ACETATE, 7.52 L METHANOL, 1 L N-BUTYL ACETATE, 500 ML P-XYLENE	N/A	08/17/16	1.01	202	91.63
9b.2	120858	120858-01	PAD16C31580	DIVISION 6.1 SOLIDS - PHENOL - SOLID - 200 G	N/A	08/17/16	0.1	18	8.16
9b.3	120859	120859-01	PAD16C31583	DIVISION 6.1 LIQUIDS - METHYLENE CHLORIDE - 14.4 LITER BOTTLES - 56 LITERS TOTAL	N/A	08/17/16	2	272	123.38
9b.4	120860	120860-01	PAD16C31581	CLASS 9 LIQUIDS AROCHLOR STANDARDS IN ISOCTANE - AROCHLOR 1242 1000 UG/ML 2 ML - AROCHLOR STANDARDS IN HEXANE - AROCHLOR 1016 1000 UG/ML 7 ML - AROCHLOR 1016/1260 MIX 1000 UG/ML 1 ML - AROCHLOR 1221 1000 UG/ML 8 ML - AROCHLOR 1232 1000 UG/ML 9 ML - AROCHLOR 1242 1000 UG/ML 8 ML - AROCHLOR 1248 1000 UG/ML 9 ML - AROCHLOR 1254 1000 UG/ML 9 ML - AROCHLOR 1260 UG/ML 12 ML	08/17/16	08/17/16	0.1	18	8.16
Totals			4				3.21	510	231

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Manifest Number: 006841813JJK

Shipment ID Number: 9701-21-0014

Shipment Date: 6/30/2016

UHMW Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (R3)	GROSS WT (lb)	Gross Wt (Kg)	Maximum Activity MBq
9b.1	120572	120572-01	PAD16C30160	NON-LEAKING PCB FLUORESCENT LIGHT BALLASTS, LARGE AND SMALL PCB CAPACITORS.	01/05/16	7.4	446	202	2
		Totals	1			7.4	446	202	2

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number KY 8890008882	2. Page 1 of 2	3. Emergency Response Phone 1-270-441-8211	4. Manifest Tracking Number 006841822 JJK
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5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) 5511 Hobbs Road, Kevil, KY 42053 Generator's Phone: 1-270-441-5000	Generator's Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services, Inc. (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevil, KY 42053
--	--

6. Transporter 1 Company Name Cast Transportation	U.S. EPA ID Number COR000005388
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Address Diversified Scientific Services Inc. (DSSI) Pernafix 057 Gallaher Rd., Kingston, TN 37763 1-865-376-0084 Facility's Phone:	U.S. EPA ID Number TND882108142
--	------------------------------------

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	UN 2912, Waste Radioactive material, low specific activity (LSA-I), 7, (PCB), Np-237, Pu-239, Tc-99, Th-228, Th-230, Liquid/Oxide, 150 MBq, Fissile Excepted	5	DM	880	K	D029	F001	F002
2						U228	U228	
3								
4								

14. Special Handling Instructions and Additional Information Truck: 1431 Trailer: 810 ID: 2062368 Accumulation Start Date: 09/15/16 PCB Start Date: 09/15/16 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: DSSI-16-112
--

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 USDOE	Signature [Signature]	Month 10	Day 27	Year 16
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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.:
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17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name James Jones	Signature [Signature]	Month 10	Day 27	Year 16
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Transporter 2 Printed/Typed Name	Signature	Month	Day	Year
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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) BY: [Signature]	Manifest Reference Number:	U.S. EPA ID Number
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Facility's Phone:	18c. Signature of Alternate Facility (or Generator)	Month	Day	Year
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. _____	2. _____	3. _____	4. _____
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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 Dawn Garrett	Signature [Signature]	Month 10	Day 27	Year 16
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PCB and Additional Information Attachment, Page 2 of 2

Manifest Number: 006841822JJK

Shipment ID Number: DSSI-16-112

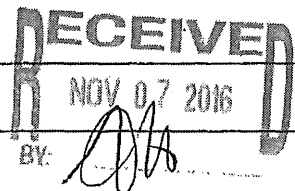
Shipment Date: 10/27/2016

UHWM Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	Accumulation Storage Date	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)	Maximum Activity MBq
9b.1	120357	120357-01	PAD16C31856	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	09/15/16	09/15/16	7.3	418	189.60	27.97
9b.1	120357	120357-02	PAD16C31857	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	09/15/16	09/15/16	7.3	458	207.74	31.06
9b.1	120357	120357-03	PAD16C31858	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	09/15/16	09/15/16	7.3	422	191.41	28.28
9b.1	120357	120357-04	PAD16C31859	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	09/15/16	09/15/16	7.3	444	201.39	29.98
9b.1	120357	120357-05	PAD16C31860	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	09/15/16	09/15/16	7.3	478	216.82	32.61
Totals			5				36.50	2220	1007	150

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number KY 8800008882	2. Page 1 of 2	3. Emergency Response Phone 1-270-441-6211	4. Manifest Tracking Number 006841824 JJK		
5. Generator's Name and Mailing Address U.S. DOE c/o Fluor Federal Services, Inc. (FFOP) 6511 Hobbs Road, Kevill, KY 42053 Generator's Phone: 1-270-441-5000			Generator's Site Address (if different than mailing address) U.S. DOE c/o Fluor Federal Services, Inc. (FFDP) Paducah Gaseous Diffusion Plant, 6511 Hobbs Rd, Kevill, KY 42053				
6. Transporter 1 Company Name Hittman Transport Services			U.S. EPA ID Number TNR000034888				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Energy Solutions CIVE Disposal Site-Treatment Facility US I-80 Exit 49, Clive, UT 84029 1-435-824-0155			U.S. EPA ID Number UTD002598888				
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 W/L Vol.	13. Waste Codes
	X	UN 2810, Waste, Radioactive material, excepted package-limited quantity of material, 7	No.	Type	317	K	F001 F002 U228 U228
	2.						
	3.						
	4.						
							
14. Special Handling Instructions and Additional Information TID: 2082365 Accumulation Start Date: 04/05/16 PCB Start Date: 04/05/16 ERG # 161 In the event of an RQ Release, call 1-800-424-8802 If undeliverable, return to generator See Attachment for Additional Info Shipment ID: 8701-02-0016 PMD1849							
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 Lachelle Jellison on behalf of the USDOE Signature: [Signature] Month Day Year: 10 28 16							
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.: _____ Transporter signature (for exports only): _____							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: [Signature] Signature: [Signature] Month Day Year: 10 28 16 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. H132 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: Thomas Wright Signature: [Signature] Month Day Year: 11 10 16							

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

DESIGNATED FACILITY TO DESTINATION STATE AS REQUIRED.

PCB and Additional Information Attachment, Page 2 of 2

Manifest Number: 006841824JJK

Shipment ID Number: 9701-02-0015

Shipment Date: 10/28/2016

UHWM Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)
9b.1	120358	120358-03	PAD16C31864	POTENTIALLY "SOILED" SECONDARY WASTE EMANATING FROM CONTACT WITH PRIMARY WASTE STREAMS INCLUDING BOUNDARY CONTROL WASTE (E.G. STEP OFF PADS, GLOVES, ABSORBENT PADS, PPE, RESPIRATOR CARTRIDGES) AND SAMPLING EQUIPMENT NOT BEING DECONTAMINATED (E.G. COLIWASA) AND PRIAMARY WASTE FROM WITHIN THE NEUTRALIZATION PIT NOT ABLE TO BE PACAKGED AND TRETED WITH THESLUDGE/SLURRY (I.E. RFD 120357)	04/05/16	80	1410	640
Totals			1			80	1410	640

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UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number KY 8890008882	2. Page 1 of 2	3. Emergency Response Phone 1-270-441-8211	4. Manifest Tracking Number 006841825 JJK		
5. Generator's Name and Mailing Address U.S. DOE c/o LATA Kentucky, LLC 761 Veterans Avenue, Kevill, KY 42058		Generator's Site Address (if different than mailing address) U.S. DOE c/o LATA Kentucky, LLC Paducah Gaseous Diffusion Plant, 5600 Hobbs Rd, Kevill, KY 42058				
Generator's Phone: 1-270-441-5000		U.S. EPA ID Number TNR000034688				
6. Transporter 1 Company Name Hittman Transport Services		U.S. EPA ID Number UTD882606898				
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 40, Clive, UT 84029		U.S. EPA ID Number UTD882606898				
Facility's Phone: 1-888-888-0116						
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 WL/Vol.	13. Waste Codes
		NA3077, Hazardous Waste, Solid, n.o.s., (Trichloroethylene, PCB), 9, PG III	1 CM	233	K	E001 E002 U228 U229
14. Special Handling Instructions and Additional Information Truck: 232C Van; W07586 TID: 2062365 Accumulation Start Date: 09/14/16 PCB Start Date: 09/14/16 ERG # 171 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 PMOIRSI Shipment ID: 7307-03-0002						
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 282.27(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 Leahille Telfair on behalf of the US DOE Leahille Telfair				Signature <i>[Signature]</i>		Month Day Year 11 07 16
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.: _____						
TRANSPORTER INTL	17. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name [Signature]		Signature <i>[Signature]</i>		Month Day Year 11 07 16	
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: _____ 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. H132		2.		3.		4.
20. Designated Facility Owner or Operator; Certification of receipt of hazardous materials covered by the manifest except as noted in Item 16a						
Printed/Typed Name Thomas Wright				Signature <i>[Signature]</i>		Month Day Year 11 07 16

PCB and Additional Information Attachment, Page 2 of 2

Manifest Number: 006841825JJK

Shipment ID Number: 7307-03-0002

Shipment Date: 10/28/2016

UHWM Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	Accumulation Storage Date	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)
9b.1	120358	120358-02	PAD16C31264	POTENTIALLY "SOILED" SECONDARY WASTE EMANATING FROM CONTACT WITH PRIMARY WASTE STREAMS INCLUDING BOUNDARY CONTROL WASTE (E.G. STEP OFF PADS, GLOVES, ABSORBENT PADS, PPE, RESPIRATOR CARTRIDGES) AND SAMPLING EQUIPMENT NOT BEING DECONTAMINATED (E.G. COLIWASA) AND PRIAMARY WASTE FROM WITHIN THE NEUTRALIZATION PIT NOT ABLE TO BE PACKAGED AND TREATED WITH THE SLUDGE/SLURRY (I.E. RFD 120357)	09/14/16	09/14/16	68	1228	557
Totals			1				68	1228	557

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

Form Approved. OMB No. 2050-0039

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 006841826 JJK
5. Generator Name and Mailing Address U.S. DOE via Fluor Federal Services, Inc. (FPDP) 5511 Hobbs Road, Kevill, KY 42053 1-270-441-5000			Generator Site Address (if different than mailing address) U.S. DOE via Fluor Federal Services, Inc. (FPDP) Paducah Gaseous Diffusion Plant, 5511 Hobbs Rd, Kevill, KY 42053		
6. Transporter 1 Company Name Hittman Transport Services			U.S. EPA ID Number TNR000034888		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address EnergySolutions Clive Disposal Site-Treatment Facility US I-80 Exit 49, Clive, UT 84028 1-435-884-0155			U.S. EPA ID Number UTD882598888		
9a. Hbl		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
X		NA 3082, Hazardous waste, liquid, n.o.s. (Trichloroethylene, PCB), 9, III		2 TP	1427
					12. Unit Wt./Vol. K
					13. Waste Codes
					D029 F001 F002
					U226 U226
14. Special Handling Instructions and Additional Information TRUCK: 232C Trailer W07886 TID: 2082385 Accumulation Start Date: 08/14/16 PCB Start Date: 08/14/16 ERG # 171 In the event of an RQ Release, call 1-800-424-8802 If undeliverable, return to generator See Attachment for Additional Info Shipment ID: 9701-24-0008					
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 Regina Pearson behalf of DOE					
Signature Regina Pearson					
Month Day Year 10 28 16					
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 Phillip Hobbins			Signature Phillip Hobbins		Month Day Year 10 24 16
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. H132		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 Thomas Wright			Signature Thomas Wright		Month Day Year 11 01 16

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

DESIGNATED FACILITY TO DESTINATION STATE OF RECEIPT

PCB and Additional Information Attachment, Page 2 of 2

Manifest Number: 006841826JJK

Shipment ID Number: 9701-24-0003

Shipment Date: 10/28/2016

UHMW Section	RFD	Container / WASTE ID	Barcode	Description	PCB Date to Storage	NET VOLUME (ft3)	GROSS WT (lb)	Gross Wt (Kg)
9b.1	120356	120356-02	PAD16C31263	AQUEOUS PRIMARY AND SECONDARY WASTE. AQUEOUS WASTE HAVING SOLID PARTICULATES EMANATING FROM THE SLUDGE THAT CANNOT BE FILTERED FROM ENTERING THE WASTE CONTAINER IS TO PACKAGED AND TREATED WITH THE SLUDGE/SLURRY (I.E. rfd 120357).	09/14/16	44	2828	1283
9b.1	120356	120356-03	PAD16C31852	AQUEOUS PRIMARY AND SECONDARY WASTE. AQUEOUS WASTE HAVING SOLID PARTICULATES EMANATING FROM THE SLUDGE THAT CANNOT BE FILTERED FROM ENTERING THE WASTE CONTAINER IS TO PACKAGED AND TREATED WITH THE SLUDGE/SLURRY (I.E. rfd 120357).	09/14/16	16	594	269
Totals			2			60	3422	1552

5-36

6. PCB WASTE CERTIFICATES OF DISPOSAL

Certificates of Disposal (CDs) that have been received by the facility during the CY for PCB wastes disposed of are annual records required by 40 *CFR* § 761.180(a)(1)(ii). Twenty-two CDs were received in 2016 from the following facilities:

- Energy*Solutions* disposal facility in Clive, Utah;
- Clean Harbors Deer Park, LLC, facility in La Porte, Texas;
- DSSI/Perma-Fix facility in Kingston, Tennessee;
- Perma-Fix Materials & Energy Corporation (M&EC) facility in Oak Ridge, Tennessee;
- Veolia Technical Solutions in Port Arthur, Texas; and
- Perma-Fix in Gainesville, Florida.

Table 6.1 lists the UHWM number, disposal facility, date disposed of, number of PCB containers/items disposed of, 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 2016 was for waste shipped in 2015, the manifest will be found in Section 5, PCB Waste Manifests.

Table 6.1. PCB Waste Certificates of Disposal Summary

UHWM	Date Removed from Service	Date Shipped	Disposer	Containers Disposed of	Net Weight (kg)	Date Disposed of	Date CD Received
006841697JJK	10/4/2013	2/10/2015	M&EC, Oak Ridge, TN	1	3	2/22/2016	3/23/2016
006841724JJK	8/31/2015	8/31/2015	Veolia Technical Solutions, Port Arthur, TX	1	19,205	10/6/2015	1/19/2016
006841725JJK	8/31/2015	8/31/2015	Veolia Technical Solutions, Port Arthur, TX	1	17,980	10/4/2015	1/19/2016
006841726JJK	9/3/2015	9/3/2015	Veolia Technical Solutions, Port Arthur, TX	1	18,425	10/10/2015	1/19/2016
006841729JJK	9/9/2015	9/9/2015	Veolia Technical Solutions, Port Arthur, TX	1	18,815	10/19/2015	1/19/2016
006841734JJK	9/13/2015	9/14/2015	Veolia Technical Solutions, Port Arthur, TX	1	17,944	10/7/2015	1/19/2016
006841735JJK	9/14/2015	9/14/2015	Veolia Technical Solutions, Port Arthur, TX	1	18,525	10/9/2015	1/19/2016
006841763JJK	6/8/2015	11/12/2015	Perma-Fix-DSSI, Kingston, TN	1	8	4/8/2016	4/21/2016
006841786JJK	12/21/2015	12/21/2015	Clean Harbors, LaPorte, TX	1	14,415	12/24/2015	1/7/2016
006841787JJK	12/22/2015	12/22/2015	Clean Harbors, LaPorte, TX	1	13,326	12/27/2015	1/7/2016
006841788JJK	12/29/2015	12/29/2015	Clean Harbors, LaPorte, TX	1	13,834	1/1/2016	1/7/2016
006841789JJK	12/31/2015	12/31/2015	Clean Harbors, LaPorte, TX	1	12,555	1/3/2016	1/7/2016
006841794JJK	4/22/2015	3/23/2016	Perma-Fix-DSSI, Kingston, TN	3	562	7/21/2016	8/2/2016
006841795JJK	6/3/2015	3/28/2016	EnergySolutions, Clive, UT	1	819	5/26/2016	6/14/2016
006841798JJK	4/9/2015	3/28/2016	EnergySolutions, Clive, UT	52	2734	6/23/2016	7/5/2016
006841802JJK	8/12/2015	5/24/2016	EnergySolutions, Clive, UT	1	57	12/6/2016	12/12/2016
006841805JJK	5/20/2016	5/20/2016	Clean Harbors, LaPorte, TX	1	11,303	5/23/2016	5/25/2016
006841811JJK	12/29/2015	6/30/2016	EnergySolutions, Clive, UT	12	276	8/30/2016	10/7/2016
006841813JJK	1/5/2016	6/30/2016	EnergySolutions, Clive, UT	1	177	10/27/2016	11/30/2016
006841814JJK	2/25/2016	7/19/2016	EnergySolutions, Clive, UT	2	3,960	10/27/2016	11/30/2016
006841819JJK	8/17/2016	8/26/2016	EnergySolutions, Clive, UT	1	4	12/6/2016	12/12/2016
006841824JJK	4/5/2016	10/28/2016	EnergySolutions, Clive, UT	1	317	11/14/2016	11/29/2016
006841825JJK	9/14/2016	10/28/2016	EnergySolutions, Clive, UT	1	233	11/29/2016	12/13/2016
22				88	185,477		

PT

M&EC

Materials & Energy Corporation

A Subsidiary of Perma-Fix Environmental Services

Certificate Of Treatment

February 22, 2016

MEC EPA ID Number: TNR000005397

Certificate Number: 20160468

To: USDOE BJC Paducah

EPA ID Number: KY8890008982

WPS Number	Notes	EPA Codes
P15-01-012	Lab Waste	F002, F005
P14-12-197 R1	Sodium Sludges Labpack	D006, D007, D008
P14-12-196	Sodium Sludges Overpacked	D006, D007, D008
P14-12-195 R1	Sodium Sludges	D006, D007, D008
P14-12-194 R1	Sodium Liquid	D006, D007, D008
P14-09-165	Refrigerant Cylinders	

Incoming Shipment information:

Shipment Number	Manifest Number	WPS Number	Customer Barcode	Package Number	Container Type	GWT (lbs)	TSCA Regulated
ETTP-15-037	006841697 JJK	P14-12-194 R1	119618-01	ok 105560	55 gal Drum	198	
ETTP-15-037	006841697 JJK	P14-12-197 R1	ok 119754-01	105561	55 gal Drum	133	
ETTP-15-037	006841697 JJK	P14-09-165	118113-01	ok 105562	30 gal Drum	89	
ETTP-15-037	006841697 JJK	P14-09-165	ok 118113-02	105563	30 gal Drum	89	
ETTP-15-037	006841697 JJK	P14-09-165	118113-03	ok 105564	30 gal Drum	81	
ETTP-15-037	006841697 JJK	P14-09-165	ok 118113-04	105565	30 gal Drum	97	
ETTP-15-037	006841697 JJK	P14-09-165	118113-05	ok 105566	30 gal Drum	87	
ETTP-15-037	006841697 JJK	P14-09-165	ok 118113-06	105567	30 gal Drum	93	
ETTP-15-037	006841697 JJK	P14-09-165	118113-07	ok 105568	30 gal Drum	76	
ETTP-15-037	006841697 JJK	P14-12-196	ok 109550-02	105569	85 gal Drum	502	
ETTP-15-037	006841697 JJK	P14-12-196	119755-01	ok 105570	B-25	2808	
ETTP-15-037	006841697 JJK	P15-01-012	119351-01	105571	5 gal Drum	7	

P
R
NA
NA
NA
NA
NA
NA
NA
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R

M&EC certifies that the above mentioned waste has been treated in accordance with applicable Federal and State regulations.

[Signature] 2/22/16
General Manager / Date

RECEIVED
MAR 23 2016
[Signature]



Veolia ES Technical Solutions, L.L.C.
 Federal EPA ID: TXD000838896
 State EPA ID: 50212-001
 Highway 73, 3.5 miles W. of Taylor's Bayou Bridge
 Port Arthur, TX 77643
 (409) 736-2821

US DOE
 C/O FLUOR FEDERAL SERVICES INC
 5511 HOBBS ROAD
 KEVIL, KY 42053
 ATTN. JOE GOMEZ

CERTIFICATE OF DESTRUCTION

Veolia ES Technical Solutions, L.L.C. has received waste material from US DOE (Fed EPA ID - KY8890008982) on 9/2/2015 as described on [State Manifest or Uniform] Hazardous Waste Manifest number 006841724JJK. Veolia ES Technical Solutions, L.L.C. hereby certifies that the above described material was incinerated, and thereby destroyed, in accordance with the 40 CFR, part 761, as it pertains to the incineration of Poly-Chlorinated Biphenyl contaminated materials.

Sequence 1

Profile Number: PTA811629
 Veolia Tracking ID: 755188

<u>Process</u>	<u>Veolia Unit ID</u>	<u>Treatment Date</u>	<u>Generator #</u>	<u>Inter-Company #</u>
INCINERATION	1	10/6/2015	140	452400069000001010

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.

Paul V. Conrad
 Material Services Manager

15-Oct-15

RECEIVED
 JAN 19 2016
 BY: *[Signature]*



Veolia ES Technical Solutions, L.L.C.
Federal EPA ID: TXD000838898
State EPA ID: 50212-001
Highway 73, 3.5 miles W. of Taylor's Bayou Bridge
Port Arthur, TX 77643
(409) 738-2821

US DOE
C/O FLUOR FEDERAL SERVICES INC
5511 HOBBS ROAD
KEVIL, KY 42053

ATTN: JOE GOMEZ

CERTIFICATE OF DESTRUCTION

Veolia ES Technical Solutions, L.L.C. has received waste material from US DOE (Fed EPA ID - KY8890008982) on 9/2/2015 as described on (State Manifest or Uniform) Hazardous Waste Manifest number 006841725JJK. Veolia ES Technical Solutions, L.L.C., hereby certifies that the above described material was incinerated, and thereby destroyed, in accordance with the 40 CFR, part 761, as it pertains to the incineration of Poly-Chlorinated Biphenyl contaminated materials.


Sequence 1

Profile Number: PTA811629
Veolia Tracking ID: 755189

<u>Process</u>	<u>Veolia Unit ID</u>	<u>Treatment Date</u>	<u>Generator #</u>	<u>Inter-Company #</u>
INCINERATION	1	10/4/2015	106	45240007600001010

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.


Paul V. Conrad
Material Services Manager
15-Oct-16

RECEIVED
JAN 19 2016
BY 



Veolia ES Technical Solutions, L.L.C.
Federal EPA ID: TXDC00838896
State EPA ID: 50212-001
Highway 73, 3.5 miles W of Taylor's Bayou Bridge
Port Arthur, TX 77643
(409) 736-2821

US DOE
C/O FLUOR FEDERAL SERVICES INC
5511 HOBBS ROAD
KEVIL, KY 42053

ATTN: JOE GOMEZ

CERTIFICATE OF DESTRUCTION

Veolia ES Technical Solutions, L.L.C. has received waste material from US DOE (Fed EPA ID - KY8890008982) on 9/4/2015 as described on (State Manifest or Uniform) Hazardous Waste Manifest number 006841726JJK. Veolia ES Technical Solutions, L.L.C., hereby certifies that the above described material was incinerated, and thereby destroyed, in accordance with the 40 CFR, part 761, as it pertains to the incineration of Poly-Chlorinated Biphenyl contaminated materials

Sequence 1

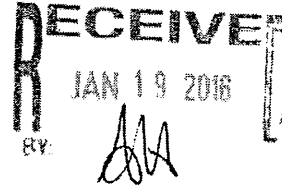
Profile Number: PTA811629
Veolia Tracking ID: 755552

<u>Process</u>	<u>Veolia Unit ID</u>	<u>Treatment Date</u>	<u>Generator #</u>	<u>Inter-Company #</u>
INCINERATION	1	10/10/2015	45240230000001010	45240230000001010

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.

Paul V. Conrad
Material Services Manager

15-Oct-15





Veolia ES Technical Solutions, L.L.C.
 Federal EPA ID: TXD000898896
 State EPA ID: 50212-001
 Highway 73, 3.5 miles W. of Taylor's Bayou Bridge
 Port Arthur, TX 77643
 (409) 736-2821

US DOE
 C/O FLUOR FEDERAL SERVICES INC
 5511 HOBBS ROAD
 KEVIL, KY 42053

ATTN: JOE GOMEZ

CERTIFICATE OF DESTRUCTION

Veolia ES Technical Solutions, L.L.C. has received waste material from US DOE (Fed EPA ID - KY8890008982) on 9/11/2015 as described on [State Manifest or Uniform] Hazardous Waste Manifest number 006841729JJK. Veolia ES Technical Solutions, L.L.C., hereby certifies that the above described material was incinerated, and thereby destroyed, in accordance with the 40 CFR, part 761, as it pertains to the incineration of Poly-Chlorinated Biphenyl contaminated materials.

Sequence 1

Profile Number: PTAB11629
 Veolia Tracking ID: 755965

<u>Process</u>	<u>Veolia Unit ID</u>	<u>Treatment Date</u>	<u>Generator #</u>	<u>Inter-Company #</u>
INCINERATION	1	10/19/2015	106	452405411000001010

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.

Paul V. Conrad
 Material Services Manager

20-Oct-15

RECEIVED
 JAN 19 2016
 BY *AM*



Veolia ES Technical Solutions, L.L.C.
Federal EPA ID: TXD000838896
State EPA ID: 50212-001
Highway 73, 3.5 miles W. of Taylor's Bayou Bridge
Port Arthur, TX 77643
(409) 736-2821

US DOE
C/O FLUOR FEDERAL SERVICES INC
5511 HOBBS ROAD
KEVIL, KY 42053

ATTN: JOE GOMEZ

CERTIFICATE OF DESTRUCTION

Veolia ES Technical Solutions, L.L.C. has received waste material from US DOE (Fed EPA ID - KY8890008982) on 9/15/2015 as described on [State Manifest or Uniform] Hazardous Waste Manifest number 006841734JJK. Veolia ES Technical Solutions, L.L.C., hereby certifies that the above described material was incinerated, and thereby destroyed, in accordance with the 40 CFR, part 761, as it pertains to the incineration of Poly-Chlorinated Biphenyl contaminated materials.

Sequence 1

Profile Number: PTA811629
Veolia Tracking ID: 756174

<u>Process</u>	<u>Veolia Unit ID</u>	<u>Treatment Date</u>	<u>Generator #</u>	<u>Inter-Company #</u>
INCINERATION	1	10/7/2015	140	452408737000001010

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.

Paul V. Conrad
Material Services Manager

15-Oct-15

RECEIVED
JAN 19 2016
BY:



Veolia ES Technical Solutions, L.L.C.
Federal EPA ID: TXD000838896
State EPA ID: 50212-001
Highway 73, 3.5 miles W. of Taylor's Bayou Bridge
Port Arthur, TX 77643
(409) 736-2821

US DOE
C/O FLUOR FEDERAL SERVICES INC
5511 HOBBS ROAD
KEVIL, KY 42053

ATTN: JOE GOMEZ

CERTIFICATE OF DESTRUCTION

Veolia ES Technical Solutions, L.L.C. has received waste material from US DOE (Fed EPA ID - KY8890008982) on 9/15/2015 as described on [State Manifest or Uniform] Hazardous Waste Manifest number 006841735.JJK. Veolia ES Technical Solutions, L.L.C., hereby certifies that the above described material was incinerated, and thereby destroyed, in accordance with the 40 CFR, part 761, as it pertains to the incineration of Poly-Chlorinated Biphenyl contaminated materials.

Sequence 1

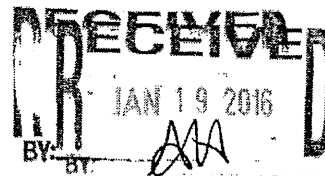
Profile Number: PTA811629
Veolia Tracking ID: 756182

<u>Process</u>	<u>Veolia Unit ID</u>	<u>Treatment Date</u>	<u>Generator #</u>	<u>Inter-Company #</u>
INCINERATION	1	10/9/2015	106	452408928000001010

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.

Paul V. Conrad
Material Services Manager

15-Oct-15



EPA ID# TND98210914
COD Number: TS2016013

DSSI
657 Gallaher Road
Kingston, 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: 4/8/2016

Attached list of containers from Shipment Number DSSI-15-121

Shipped on Hazardous Waste Manifest Number 006841763JJK

Generator Name US Dept of Energy - Fluor Federal Services, Inc.
EPA ID No. KY8890008982
Address 5600 Hobbs Road

City, State, Zip Paducah KY 42001-
Contact Regina Pea

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. 2816), 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
APR 21 2016
BY: *AA*

By: Dawn Garrett

Title: Waste Tracking Shipping

Signature: *Dawn Garrett*



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 Fluor
 Generator Address: 5611 Hobbs Road
 Kevil, KY, 42053
 Generator Contact Name:

Sales Order#: 1502531970
 Date Received: 12/22/2015

Generator EPA ID: KY8890008982

Load #: 379292
 Manifest #: 006841786JJK

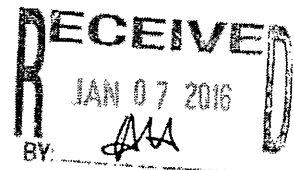
Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
49064910	12/21/2015	TT	/	High Btu PCB Liquids For Incineration	12/24/2015	Incineration	Deer Park, TX Facility

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.

Authorized Agent

Monday, December 28, 2015

Date





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 Fluor
 Generator Address: 5611 Hobbs Road
 Kevil, KY, 42053
 Generator Contact Name:

Sales Order#: 1502531970
 Date Received: 12/24/2015

Generator EPA ID: KY8890008982
 Load #: 379293
 Manifest #: 006841787JJK

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
49097123	12/24/2015	TT	NA /	High Btu PCB Liquids For Incineration	12/27/2015	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.



 Authorized Agent

Monday, December 28, 2015

 Date

RECEIVED
 JAN 07 2016
 BY: 



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 Fluor
 Generator Address: 5511 Hobbs Road
 Kevil, KY, 42053

Sales Order#: 1502531970
 Date Received: 12/31/2015

Generator Contact Name:

Generator EPA ID: KY8890008982

Load #: 379331
 Manifest #: 006841788JJK

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
49167615	12/29/2015	TT	NA /	High Btu PCB Liquids For Incineration	1/1/2016	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.

Authorized Agent

Monday, January 04, 2016

Date

RECEIVED
 JAN 07 2016
 BY:



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 Fluor
 Generator Address: 5511 Hobbs Road
 Kevil, KY, 42053
 Generator Contact Name:

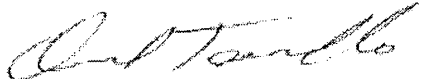
Sales Order#: 1502531970
 Date Received: 1/2/2016

Generator EPA ID: KY8890008982

Load #: 379344
 Manifest #: 006841789JJK

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
49188887	12/31/2015	TT	N/A /	High Btu PCB Liquids For Incineration	1/3/2016	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.



 Authorized Agent

Monday, January 04, 2016

 Date

RECEIVED
 JAN 07 2016
 BY: 

EPA ID# TND98210914
COD Number: TS2016025



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: 7/21/2016

Attached list of containers from Shipment Number DSSI-16-031

Shipped on Hazardous Waste Manifest Number 006841794JJK

Generator Name US Dept of Energy - Fluor Federal Services, Inc.
EPA ID No. KY8890008982
Address 5600 Hobbs Road

City, State, Zip Paducah KY 42001-
Contact Regina Pea

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. 2016), 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*

RECEIVED
AUG 02 2016
BY: *AA*

Certificate of Destruction
TS2016025

Shipment Number	Haz Manifest Number	WPS Number	Package Number	Item Number	Bin Campaign Number	Date Buried	Generator Code	Waste Code	Date Received
DSSI-16-031	006841794JK	16-03-055	72019	119802-01	16-011	21-Jul-16	KYFLU01	Bulk Liquid - PCBs	24-Mar-16
DSSI-16-031	006841794JK	16-03-055	72020	119802-02	16-011	21-Jul-16	KYFLU01	Bulk Liquid - PCBs	24-Mar-16
DSSI-16-031	006841794JK	16-03-055	72021	119802-03	16-011	21-Jul-16	KYFLU01	Bulk Liquid - PCBs	24-Mar-16

ENERGYSOLUTIONS


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:

Shipment	Manifest	Disposal Date	Volume (Cu/Ft)	Process	Disposal Location
9701-02-0013	41795	05/26/2016	96.0	Landfill	Mixed Waste

RECEIVED
 JUN 14 2016
 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.



Brian Beynon
May 31 2016 3:40 PM

Brian Beynon
Operations Manager

Date

423 West 300 South, Salt Lake City, Utah 84101 Telephone (801) 649-2000


CERTIFICATE OF DISPOSAL

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

DOE, Paducah, Paducah

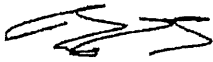
This certificate acknowledges that the following manifested shipments have been disposed of as listed below:

<u>Shipment</u>	<u>Manifest</u>	<u>Disposal Date</u>	<u>Volume (Cu/Ft)</u>	<u>Process</u>	<u>Disposal Location</u>
7307-15-0002	41798	06/23/2016	390.0	Landfill	Mixed Waste

RECEIVED
 JUL 05 2016
 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.

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Brian Beynon
Jun 30 2016 2:16 PM

Co-Sig:

Brian Beynon
Operations Manager

Date



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

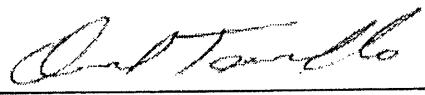
CERTIFICATE OF DISPOSAL

Manifest Mailing Name: US DOE c o Fluor
 Manifest Mailing Address: 5511 Hobbs Road Kevil, KY, 42053
 Customer Contact Name: Ms Carrie Maxie
 Job Address: 5600 Hobbs Road Kevil, KY 42053

Date Received: 5/22/2016
 Generator EPA ID: KY8890008982
 Sales Order#: 1502531970
 Load #: 383106
 Manifest #: 006841805JJK

Original CH ID #	Date Removed From Service	Unit Type	Serial # / Customer ID	Material Description	Disposal Date	Method of Disposal	Disposal Facility
51695986	5/20/2016	TT	/	High Btu PCB Liquids For Incineration	5/23/2016	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.



 Authorized Agent

Wednesday, May 25, 2016

 Date

RECEIVED
 MAY 25 2016
 BY: 

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:

Shipment	Manifest	Disposal Date	Volume (Cu/Ft)	Process	Disposal Location
9701-15-0007	41802	12/06/2016	7.5	Landfill	Mixed Waste
9701-15-0008	41819	12/06/2016	18.3	Landfill	Mixed Waste

RECEIVED
 DEC 12 2016
 BY: *[Signature]*

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.



Brian Beynon
 Dec 9 2016 12:43 PM

cosign

 Brian Beynon
 Operations Manager

 Date

CERTIFICATE OF DISPOSAL

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

DOE, Paducah, Paducah

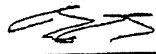
This certificate acknowledges that the following manifested shipments have been disposed of as listed below:

<u>Shipment</u>	<u>Manifest</u>	<u>Disposal Date</u>	<u>Volume (Cu/Ft)</u>	<u>Process</u>	<u>Disposal Location</u>
9701-17-0001	41811	08/30/2016	90.0	Landfill	Mixed Waste

RECEIVED
 OCT 07 2016
 BY: *AA*

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.


 Brian Beynon
 Operations Manager

Brian Beynon
Sep 13 2016 1:01 PM

Date

423 West 300 South, Salt Lake City, Utah 84101 Telephone (801) 649-2000

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:

Shipment	Manifest	Disposal Date	Volume (Cu/Ft)	Process	Disposal Location
9701-21-0014	41813	10/27/2016	7.5	Landfill	Mixed Waste
9701-21-0015	41814	10/27/2016	376.0	Landfill	Mixed Waste

RECEIVED
 NOV 30 2016
 BY *AA*

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.



Brian Beynon
 Nov 18 2016 4:17 PM

cosign

Brian Beynon
 Operations Manager

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:

Shipment	Manifest	Disposal Date	Volume (Cu/Ft)	Process	Disposal Location
9701-15-0007	41802	12/06/2016	7.5	Landfill	Mixed Waste
9701-15-0008	41819	12/06/2016	18.3	Landfill	Mixed Waste

RECEIVED
DEC 12 2016
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.



Brian Beynon
Dec 9 2016 12:43 PM

cosign

Brian Beynon
Operations Manager

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>
9701-02-0015	41824	11/14/2016	96.0	Landfill	Mixed Waste

RECEIVED
NOV 29 2016
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.



Brian Beynon
Nov 18 2016 4:17 PM

Brian Beynon
Operations Manager

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>
7307-03-0002	41825	11/29/2016	96.0	Landfill	Mixed Waste

RECEIVED
 DEC 13 2016
 BY: *DA*

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.



Brian Beynon
Dec 2 2016 6:18 AM

Brian Beynon
Operations Manager

Date cosign

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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 2016. 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

Building	Waste Area Designator	Building	Waste Area Designator
C-100	G-100-PCB-01	C-337	G-337-PCB-01
C-331	G-331-PCB-01	C-337	G-337-PCB-02
C-333	G-333-PCB-01	C-733	C-733
C-335	G-335-04	C-746-Q	C-746-Q
C-337	G-337-01	C-752-A	C-752-A
C-337	G-337-02	C-753-A	C-733-A
C-337	G-337-03	C-757	G-757-03
C-337	G-337-05	C-757	G-757-04

Waste Area Designators:

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

Table 7.2. PCB Waste Inspection Summary Report

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
C-100					
	G-100-PCB-01	1/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-100-PCB-01	1/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-100-PCB-01	2/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-100-PCB-01	2/16/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-100-PCB-01	3/1/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-100-PCB-01	3/15/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-100-PCB-01	3/29/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-2

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-100-PCB-01		4/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		4/26/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		5/10/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		5/23/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		6/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		6/14/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		6/28/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		7/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-3

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-100-PCB-01		7/26/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		8/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		8/23/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		9/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		9/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		10/3/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		10/17/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-100-PCB-01		10/31/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-4

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	G-100-PCB-01	11/14/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-100-PCB-01	11/28/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-100-PCB-01	12/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-100-PCB-01	12/13/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-100-PCB-01	12/27/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-331					
	G-331-PCB-01	11/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-331-PCB-01	12/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-5

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	G-331-PCB-01	12/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-333					
	G-333-PCB-01	1/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-333-PCB-01	2/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-333-PCB-01	3/16/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-333-PCB-01	4/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-333-PCB-01	5/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-333-PCB-01	6/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-6

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-333-PCB-01		7/7/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-333-PCB-01		8/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-333-PCB-01		9/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-333-PCB-01		10/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-333-PCB-01		11/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-333-PCB-01		12/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-333-PCB-01		12/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-7

C-335

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-335-04		1/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-335-04		2/18/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-335-04		3/16/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-335-04		4/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No waste
G-335-04		5/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No waste
G-335-04		6/10/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-335-04		7/7/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No Waste
G-335-04		8/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No Waste

7-8

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	G-335-04	9/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No Waste
	G-335-04	10/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No Waste
	G-335-04	11/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-335-04	12/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-335-04	12/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-337					
	G-337-01	1/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	G-337-01	2/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-9

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-337-01		3/16/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-01		4/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-01		5/11/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-01		6/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-01		7/7/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-01		8/3/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-01		9/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-01		10/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-10

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-337-02		1/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Spill number 774
G-337-02		2/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Spill number 774
G-337-02		3/16/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Spill number 774
G-337-02		4/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Spill number 774
G-337-02		5/11/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Spill number 774
G-337-02		6/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL NUMBER 774
G-337-02		7/7/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL NUMBER 774
G-337-02		8/3/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL NUMBER 774

7-11

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-337-02		9/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL NUMBER 774
G-337-02		10/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL NUMBER 774
G-337-02		11/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL #774
G-337-02		12/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL #774
G-337-02		12/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL #774
G-337-03		1/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PCB Spill #789
G-337-03		2/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-03		3/16/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-12

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-337-03		4/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-03		5/11/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-03		6/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-03		7/7/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL #789
G-337-03		8/3/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL #789
G-337-03		9/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL #789
G-337-03		10/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL #789
G-337-03		11/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL # 789

7-13

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-337-03		12/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL #789
G-337-03		12/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPILL #789
G-337-05		1/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		2/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		3/16/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		4/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		5/11/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		6/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-14

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-337-05		7/7/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		8/3/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		9/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		10/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		11/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		12/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-05		12/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		1/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-15

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-337-PCB-01		2/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		3/16/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		4/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		5/11/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		6/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		7/7/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		8/3/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		9/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-337-PCB-01		10/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		11/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		12/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-01		12/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-02		11/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-02		12/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-337-PCB-02		12/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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C-733

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
C-733		1/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		2/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		3/8/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		4/5/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		5/3/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		5/31/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		6/28/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		7/26/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-18

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
C-733		8/23/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		9/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		10/18/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		11/15/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-733		12/13/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-746-Q					
C-746-Q		1/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-746-Q		2/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-19

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
C-746-Q		3/8/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-746-Q		4/5/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-746-Q		5/3/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-746-Q		5/31/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-746-Q		6/28/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-746-Q		7/26/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-746-Q		8/23/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-746-Q		9/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-20

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	C-746-Q	10/18/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-746-Q	11/15/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-746-Q	12/13/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-752-A				
	C-752-A	1/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-752-A	2/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-752-A	3/8/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-752-A	4/5/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-21

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
C-752-A		5/3/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-752-A		5/31/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-752-A		6/28/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-752-A		7/26/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-752-A		8/23/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-752-A		9/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-752-A		10/18/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-752-A		11/15/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-22

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
	C-752-A	12/13/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-753-A				
	C-753-A	1/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-753-A	2/3/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-753-A	3/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-753-A	4/1/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-753-A	4/27/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	C-753-A	5/25/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-23

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
C-753-A		6/22/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-753-A		7/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-753-A		8/17/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-753-A		9/14/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-753-A		10/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-753-A		11/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
C-753-A		12/7/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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C-757

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-757-03		1/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		2/18/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		3/16/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		4/12/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		5/11/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		6/9/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		7/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		8/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

7-25

Table 7.2. PCB Waste Inspection Summary Report (Continued)

Building	Area	Date Inspected	Leaks Yes	Leaks No	Comments
G-757-03		9/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		10/6/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		11/4/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		12/2/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-03		12/20/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-04		1/19/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
G-757-04		2/18/2016	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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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 2016 and any older spills that had cleanup activities during 2016 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	DATE - TIME COMPLETED	TSCA REPORTABLE	COORDINATOR	COMMENTS	STATUS
1988	1/26/2015	1045	C-337	H-32	Restricted Access Notified Maintenance Cleaned	1/15/2016 - 1055	N	P.E. King	1/15/16 update: Spill site closed as clean. 1/13/16 update: 5S sample was collected and was clean (<10 ug/100 cm2). 4S sample was collected and was dirty. 3S sample was collected and was dirty. 2S sample was collected and was dirty. 1S sample collected and was dirty. 2/5/15 update: replaced cracked PVC line at elbow. Maintenance completed. PCB oil and water spill from a broken trough component. Spill was 60" by 60" on the floor around a 24" by 24" column. Initial cleaning was completed and a request for maintenance was submitted.	Complete
1989	2/21/2015	0330	C-337	B-36	Restricted Access Cleaned		N	P.E. King	11/29/16 update: 6S sample has 3 locations dirty. 9/1/16 update: 6S sample collected. 12/22/15 update: 5S sample dirty. Additional sampling required. 11/18/15 update: spill site cleaned and 5S sample collected. 11/5/15 update: 5S sample requested. 10/29/15 update: 4S dirty. Additional sampling required. 09/24/14 update: spill site cleaned and 4S sample collected. 07/08/15 update: requested 4S sample. 07/07/15 update 1S, 2S, 3S dirty. Required additional sampling. 05/07/15 update: 1S, 2S, 3S sample collected with cleaning between each sampling event. 04/16/16 update: requested 1S, 2S, 3S sampling. Water leaking from broken PCB trough. ~ 3 foot wet spot on floor. Drum placed under leak. Absorbent pads used to collect water. Initial cleaning completed. Area posted and flagged off.	Incomplete
1991	9/15/2015	0920	C-335	L-29	Restricted Access Cleaned	1/15/2016 - 1100	N	P.E. King	1/15/16: closed. 1/13/16 update: received data. 1S clean. 11/4/15 update: installed one 8' pan under leaking untroughed PCB gasket. Installed manifold, sight glass and valve on pan. 1 drop in a 100 cm2 area. Roped off, posted initial cleaning complete.	Complete
1992	11/17/2015	1259	C-337	Y-27	Restricted Access Cleaned		N	P.E. King	11/29/16 update: Received 2S spill data. One area dirty. 9/1/16 update: resampled spill area. 5/26/16 update: 1S sample dirty. 1/12/16 update: Maintenance complete. Replaced strap that was causing pan to tip to one side. Repositioned straps to inside pan. Water in area 43" by 49". Water from PCB trough. Area roped and posted. Initial cleanup completed.	Incomplete
1993	11/18/2015	0920	C-337	B-28	Restricted Access Cleaned	6/20/2016 - 0800	N	P.E. King	6/20/16 update: closed as clean. 6/10/16 update: 1S clean. 12/3/15 update: Attached aluminum pan and ran PVC line to existing PVC troughing. Maintenance complete. Water in a 60" by 102" area. Dripping from PCB elbow.	Complete

Table 8.1. PCB Spill Cleanup Reports Summary (Continued)

REPORT NUMBER	SPILL DATE	SPILL TIME	BUILDING	COLUMN	RESPONSE	DATE - TIME COMPLETED	TSCA REPORTABLE	COORDINATOR	COMMENTS	STATUS
1994	11/18/2015	1400	C-337	Wb-40	Restricted Access Cleaned	6/20/2016 - 0820	N	P.E. King	6/20/16 update: Closed as clean. 6/10/16 update: 1S clean. Water overflow out of PCB troughing. Water in a 13'7" by 17' 2" area. Initial cleanup initiated. Area is flagged off and posted. Requested sampling map. Water overflow out of PCB troughing. No Maintenance required.	Complete
1995	11/18/2015	1400	C-337	X-41	Restricted Access Cleaned		N	P.E. King	11/29/16 update: Two areas in spill site are dirty. 9/1/16 update: Recleaned and resampled 2S. 5/26/16 update: 1S dirty. 1/6/16 update: installed one aluminum pan under metal trough. Tied into high trough, ran new plc. line to column X-39 and installed manifold and drain port. Maintenance complete. Water overflow out of PCB troughing. Water in an area 13' 2" by 36' 8". Initial cleanup initiated. Area is flagged off and posted. Sampling map requested.	Incomplete
1996	12/30/2015	1030	C-337	Y-7	Restricted Access Cleaned	4/27/2016 - 0836	N	P.E. King	4/27/16 update: closed as clean. 4/26/16 update: Data received. 1S dirty (>10 ug/100 cm2). 2S Clean (<10 ug/100 cm2). 3/10/16 update: 1S, 2S, 3S samples collected. Cleaning performed between sample events. 2/18/16 update: sample request submitted. 1/12/16 update: maintenance complete. Replaced strap on metal pan. Pan leak from existing trough system. 17" by 16" water on floor.	Complete
1997	12/30/2015	1030	C-337	Y-8	Restricted Access Cleaned	4/27/2016 - 0845	N	P.E. King	4/27/16 update: closed as clean. 4/26/16 update: Data received. 1S dirty (>10 ug/100 cm2). 2S Clean (<10 ug/100 cm2). 3/10/16 update: 1S, 2S, 3S samples collected. Cleaning performed between sample events. 2/18/16 update: sample request submitted. 1/12/16 update: Maintenance complete. Attached 1 aluminum pan and tied into existing PVC pipe. Cracked weld in existing pan. 17" by 16" water spill area.	Complete
1998	12/30/2015	1030	C-337	Y-9	Restricted Access Cleaned	4/27/2016 - 0855	N	P.E. King	4/27/16 update: closed as clean. 4/26/16 update: Data received. 1S dirty (>10 ug/100 cm2). 2S Clean (<10 ug/100 cm2). 3/10/16 update: 1S, 2S, 3S samples collected. Cleaning performed between sample events. 2/18/16 update: sample request submitted. 1/12/16 update: maintenance complete. Attached 1 aluminum pan and tied into existing PVC pipe. Water overflow of existing troughing pan. Spill area 111" by 111".	Complete
1999	1/15/2016	0845	C-335		Restricted Access Notified Maintenance Cleaned	10/18/2016 - 1230	N	P.E. King	10/18/16 update: 1S sample clean. Spill site closed as clean. 8/25/16 update: spill site sampled. 1/25/16 update: sample request submitted. Cleaned area, flagged off area, posted signs, completed maintenance. Replaced compression joint in outside PCB pipe. Truck alley, just north of pedestrian entry. Water/oil mix. 5" by 19".	Complete

Table 8.1. PCB Spill Cleanup Reports Summary (Continued)

REPORT NUMBER	SPILL DATE	SPILL TIME	BUILDING	COLUMN	RESPONSE	DATE - TIME COMPLETED	TSCA REPORTABLE	COORDINATOR	COMMENTS	STATUS
2000	3/2/2016	0907	C-333	Ja-32	Posted/Flagged off, initiated and completed cleanup	10/18/2016 - 1218	N	P.E. King	10/18/16 update: closed as clean. 1S sample clean. 8/25/16 update. Sample collected. 3/8/16 update: requested 1S, 2S, and 3S sampling. Repaired broken plc. pipe and re-attached to existing troughing. Maintenance complete. C-333 ground floor col. Ja-32. 6 drops on floor 19" by 34" area. Posted/flagged off, initiated and completed cleanup.	Complete
2001	3/7/2016	1630	C-337	Na-28	Restricted Access Notified Maintenance Cleaned		N	P.E. King	10/17/16 update: 1S sample dirty. 9/1/16 update: sampled 1S, 4 sample points. 8/16/16 update: requested sampling. 3/21/16 update: Maintenance complete. Tightened compression joint and placed pan. C-337 column Na-28. 2 areas - (1) 2'by 2', (2) 3"by 3". Roped off, posted, initial cleanup completed on 3/8/16 at 0850. Broken PVC trough component.	Incomplete
2002	3/22/2016	1010	C-333	Ja-16	Restricted Access Cleaned	10/18/2016 - 1225	N	P.E. King	10/18/16 update: closed as clean. 8/25/16 update: sample collected. 3/28/16 update: requested 1S, 2S, and 3S sampling. 3/23/26 update: Maintenance completed. Replaced broken elbow and pipe. Initial cleanup completed. Area 12" by 20" on floor. Roped & flagged area. Cleaning in progress.	Complete
2003	3/28/2016	1230	C-333	P-12	Restricted Access Cleaned		N	P.E. King	10/17/16 update: all sample points were dirty. 8/25/16 update: sampled 1S, 2S, and 3S, 1 sample point. 3/30/16 update: maintenance complete, installed new 90 degree elbow and coupling. 3/28/16 update: 1S, 2S, 3S sampling requested. 3 drops on floor in 100 cm2 area. Roped off, posted, initial clean up complete.	Incomplete
2004	5/19/2016	0850	C-337	Wb-32	Restricted Access Cleaned		N	P.E. King	11/29/16 update: all sample points were dirty. 9/1/16 update: sampled 1S, 3 sample points. 5/25/16 update: Installed one 4' by 8" aluminum pan. Untroughed gasket. Several drops in 32" by 24" area. Initial cleaning complete.	Incomplete
2005	7/13/2016	1020	C-331	G-18	Restricted Access, Maintenance completed, Cleaned	11/30/2016 - 0834	N	P.E. King	11/30/16 update: Spill site closed as clean. 11/29/16 update: 1S sample clean. 9/13/16 update: 1S sample collected. 8/10/16 update: submitted sample request 1S, 2S, 3S. 7/13/16 update: repaired and replaced section of broken PVC pipe. Maintenance complete. C-331 G-18, broken PVC pipe. Oil in area measuring 33" by 32". Initial clean complete. Maintenance complete -repaired and replaced section of broken PVC pipe.	Complete
2006	8/24/2016	0835	C-337	X-23	Restricted Access, Cleaned, Maintenance Complete		N	P.E. King	Column X-23, Water 20" by 20" area of PCB contaminated water. Initial cleanup completed, posted, and flagging in progress.	Incomplete

Table 8.1. PCB Spill Cleanup Reports Summary (Continued)

REPORT NUMBER	SPILL DATE	SPILL TIME	BUILDING	COLUMN	RESPONSE	DATE - TIME COMPLETED	TSCA REPORTABLE	COORDINATOR	COMMENTS	STATUS
864	4/1/2016	1543	C-337		Restricted Access, Cleaned, posted, absorbent placed		N	R.Baker	Transformer U/1 C/6 "A" Transformer, column GB-13. A couple drops on floor. Placed absorbent down, flagged area off, and posted as a PCB spill area. Initial cleanup is complete. On a previous spill site.	Incomplete
865	4/1/2016	1543	C-337		Restricted Access, posted, cleaned, placed absorbent down		N	R. Baker	C-337 U/2 C/6 "B" Transformer, column G-29, 2 drops on floor. Placed absorbent down, flagged area off, and posted as a PCB spill area. Initial cleanup is complete. On a previous spill site. Inside of dike the floor is painted grey. The spot of grease type stain partially covered a PCB sticker.	Incomplete
866	4/1/2016	1543	C-337		Restricted Access Cleaned		N	R. Baber	C-337 U/6 C/1 "A" Transformer, column P-13. A couple drops on floor. Placed absorbent down, flagged off, and posted as a PCB spill area. Initial cleanup is completed. Approximately 1" in diameter.	Incomplete

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9. PCB ELECTRICAL EQUIPMENT IN SERVICE

PCB (≥ 500 ppm) transformers, PCB-contaminated ($\geq 50 < 500$ ppm) transformers, PCB-contaminated electrical equipment, and PCB large capacitors in service at PGDP during 2016 are listed in the following tables. 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 processed completely.

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 2016. All 67 PCB transformers were removed from service, drained, and flushed during 2015. They were stored in place during CY 2016 and residual flushate was removed over time as it drained through and collected in the units. Six PCB-contaminated transformers located in C-535 and C-537 Switchyards were removed from service in 2015 and 2016 and stored in place. Five PCB-contaminated electrical equipment items located in C-533 and C-537 Switchyards were removed from service in 2015 and stored in place. In 2015, a PCB-contaminated transformer designated 3PH1 Main from C-633 was included on Table 9.3, and a piece of PCB-contaminated equipment designated Tap changer from C-633 was included on Table 9.4. These inclusions were inadvertent, because these items were removed from service in 2011, and have been removed from this report.

The CY 2016 PCB transformer maintenance records are in Appendix A. The PCB transformer quarterly inspections are not included in this report because the transformers were removed from service. Additional PGDP PCB systems and process building ventilation duct gaskets containing PCBs are addressed in the UE TSCA FFCA.

Tables 9.1 through 9.5 present information on the PCB electrical equipment at PGDP.

**Table 9.1. PCB Electrical Equipment in Service
as of December 31, 2016**

Type	Number in Service	Volume (gal)	PCB (kg)
PCB transformers*	0	0	0
PCB-contaminated transformers	3	500	0.13
PCB-contaminated electrical equipment	2	862	0.24
PCB large high-voltage capacitors	0	0	0

*There were 67 PCB transformers that were removed from service, drained, flushed, and stored in place in 2015 pending demolition to remove, because they are locked in place by facility structure members placed after the transformers.

Table 9.2. PCB Transformers in Service as of December 31, 2016

No PCB transformers were in service as of December 31, 2016.

Table 9.3. PCB-Contaminated Transformers in Service as of December 31, 2016

Building	Designation	Compartment	Volume (gal)	PCB concentration (ppm)	PCB (kg)
West Side of C-315	SW-1	Main	400	72	0.11
C-533	Y-line	A Phase	50	62	0.01
C-533	M-line	C Phase	50	51	0.01
Total	3		500		.13

Table 9.4. PCB-Contaminated Electrical Equipment in Service as of December 31, 2016

Building	Designation	Compartment	Volume (gal)	PCB Concentration (ppm)	PCB (kg)
West Side of C-315	SW-1	Tap Changer	112	66	0.03
C-720	M-6	Induction Voltage Regulator	750	74	0.21
Total	2		862		.24

Table 9.5. PCB Large Capacitors in Service as of December 31, 2016

No PCB large capacitors were in service as of December 31, 2016.

10. PCB WASTE ACTIVITY

PCB waste activities performed by the facility during the CY 2016 are annual records required by 40 *CFR* § 761.180 (a)(2)(iii). Tables 10.1 through 10.9 provide information on PCB waste activities at the Paducah Site. The PCB Date, often referred to as PCB DTS (date to storage), reflects the date PCB waste was first added to a container and is the origin date of the container.

Table 10.1. PCB Waste Activity Summary for CY 2016

PCB Waste Items In Inventory	1/1/2016 Inventory		Net Changes ¹		Generated		Shipped for Disposal		12/31/2016 Inventory	
	pc	kg	pc	kg	pc	kg	pc	kg	pc	kg
ARTICLES	2	32,795	0	0	0	0	0	0	2	32,795
PCB Transformers (drained)	2	32,795	0	0	0	0	0	0	2	32,795
ARTICLE CONTAINERS²	5	1,321	-2	-974	3	4,517	3	4,517	3	347
Capacitors, Large	0	0	0	0	0	0	0	0	0	0
Electrical Equipment	0	0	0	0	0	0	0	0	0	0
Light Ballasts	1	91	1	91	1	209	1	209	2	182
Misc. Equip (motors, pumps)	4	1,230	-3	-1,065	2	4,308	2	4,308	1	165
PCB Transformers	0	0	0	0	0	0	0	0	0	0
Small Capacitors (< 3 lb)	0	0	0	0	0	0	0	0	0	0
CONTAINERS	91	11,659	-7	-7,214	111	38,429	84	20,377	111	22,497
Liquids ^{3, 4}	35	7,642	-7	-7,245	84	35,149	10	13,549	102	21,997
Solids	56	4,017	0	31	27	3,280	74	6,828	9	500
BULK PCB REMEDIATION WASTE SOLIDS < 49 MG/KG⁵	0	0	0	0	0	0	0	0	0	0
TOTAL	98	45,775	-9	-8,188	114	42,946	87	24,894	116	55,639

pc = piece count

kg = kilogram (rounded to the nearest whole number for the summaries)

¹ 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 for tanks/tankers.

² Article Containers are drums or boxes of PCB transformers, PCB large capacitors, electrical equipment, PCB light ballasts, or PCB small capacitors.

³ Portable (mobile) tanks and totes are counted as Containers.

⁴ 11,304 g of PCB transformer oil was generated, bulked into tankers, and shipped off-site in 2016.

⁵ PCB Remediation Waste Solids were disposed of at the on-site C-746-U Landfill.

Table 10.2. PCB Waste Inventory as of January 1, 2016

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
106744	106744-01	PCB Article	DAMAGED, DISCONNECTED, DE-ENERGIZED, AND DRAINED PCB TRANSFORMER B983126. FORMERLY STAGE AT C-337 U2C3 "B" LOCATION.	11/7/2005	S	34,500	15,649	2304	C-337	C-337	TM
107839	107839-01	PCB Article	DAMAGED, DISCONNECTED, DE-ENERGIZED, AND DRAINED PCB TRANSFORMER RHL-0610. FORMERLY STAGED AT C-337 U2C8 "B" LOCATION.	6/27/2004	S	37,800	17,146	462	C-337	C-337	TM
118321	118321-01	PCB Article Container	BLDG DEMOLITION DEBRIS (BULK MATERIALS, EMPTY TANKS, TRANSFORMERS, BALLASTS, ETC.)	10/2/2015	S	1,974	895	90	C-752-A	C-746-B	TN
118321	118321-02	PCB Article Container	BLDG DEMOLITION DEBRIS (BULK MATERIALS, EMPTY TANKS, TRANSFORMERS, BALLASTS, ETC.)	10/1/2015	S	270	122	7.4	C-752-A	Various	TN
118321	118321-03	PCB Article Container	BLDG DEMOLITION DEBRIS (BULK MATERIALS, EMPTY TANKS, TRANSFORMERS, BALLASTS, ETC.)	10/1/2015	S	268	122	7.4	C-752-A	Various	TN
119744	119744-01	PCB Article Container	PCB BALLASTS	3/26/2015	S	200	91	7.4	C-757	Proc Bldgs	TM
119747	119747-01	PCB Article Container	POTENTIAL PCB CONTAMINATED DOOR CLOSERS	6/3/2015	S	200	91	7.4	C-757	Proc Bldgs	TM
115919	115919-01	PCB Container	VENTILATION DUCT OIL AND WATER	10/29/2015	L	483	219	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-02	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	441	200	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-03	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	489	222	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-04	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	489	222	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-05	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	463	210	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-06	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	499	226	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-07	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	482	219	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-08	PCB Container	VENTILATION DUCT OIL AND WATER	11/19/2015	L	506	230	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-09	PCB Container	VENTILATION DUCT OIL AND WATER	11/30/2015	L	472	214	7.4	C-746-Q	Proc Bldgs	RTM

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Table 10.2. PCB Waste Inventory as of January 1, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
115919	115919-10	PCB Container	VENTILATION DUCT OIL AND WATER	11/30/2015	L	468	212	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-11	PCB Container	VENTILATION DUCT OIL AND WATER	11/30/2015	L	461	209	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-12	PCB Container	VENTILATION DUCT OIL AND WATER	12/1/2015	L	483	219	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-13	PCB Container	VENTILATION DUCT OIL AND WATER	12/15/2015	L	473	215	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-14	PCB Container	VENTILATION DUCT OIL AND WATER	12/28/2015	L	499	226	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-15	PCB Container	VENTILATION DUCT OIL AND WATER	12/28/2015	L	518	235	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-16	PCB Container	VENTILATION DUCT OIL AND WATER	12/29/2015	L	501	227	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-17	PCB Container	VENTILATION DUCT OIL AND WATER	12/29/2015	L	515	234	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-18	PCB Container	VENTILATION DUCT OIL AND WATER	12/29/2015	L	497	225	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-19	PCB Container	VENTILATION DUCT OIL AND WATER	12/29/2015	L	497	225	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-20	PCB Container	VENTILATION DUCT OIL AND WATER	12/29/2015	L	467	212	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-21	PCB Container	VENTILATION DUCT OIL AND WATER	12/30/2015	L	488	221	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-22	PCB Container	VENTILATION DUCT OIL AND WATER	12/30/2015	L	470	213	7.4	C-746-Q	Proc Bldgs	RTM
115919	115919-23	PCB Container	VENTILATION DUCT OIL AND WATER	12/30/2015	L	506	230	7.4	C-746-Q	Proc Bldgs	RTM
119689	119689-04	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	4/9/2015	S	99	45	7.4	C-746-Q	C-331	TM
119718	119718-01	PCB Container	LEAD-BEARING ELECTRICAL CABLE, POSSIBLE PCBS PRESENT - CURRENTLY MANAGED AS PCB WASTE	6/3/2015	S	216	98	7.4	C-752-ARPK	C-331	RTN
*119740	*119740-01	PCB Container	PCB BALLASTS & SOLIDS	4/6/2015	S	*	*	7.4	C-757	Proc Bldgs	TM
119802	119802-01	PCB Container	VENTILATION DUCT OIL AND WATER	4/22/2015	L	470	213	7.4	C-746-Q	Proc Bldgs	RTM
119802	119802-02	PCB Container	VENTILATION DUCT OIL AND WATER	5/20/2015	L	458	208	7.4	C-746-Q	Proc Bldgs	RTM

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Table 10.2. PCB Waste Inventory as of January 1, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
119802	119802-03	PCB Container	VENTILATION DUCT OIL AND WATER	6/24/2015	L	478	217	7.4	C-746-Q	Proc Bldgs	RTM
119802	119802-04	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2015	L	492	223	7.4	C-746-Q	Proc Bldgs	RTM
119802	119802-05	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2015	L	468	212	7.4	C-746-Q	Proc Bldgs	RTM
119802	119802-06	PCB Container	VENTILATION DUCT OIL AND WATER	7/9/2015	L	473	215	7.4	C-746-Q	Proc Bldgs	RTM
119802	119802-07	PCB Container	VENTILATION DUCT OIL AND WATER	7/13/2015	L	458	208	7.4	C-746-Q	Proc Bldgs	RTM
119802	119802-08	PCB Container	VENTILATION DUCT OIL AND WATER	7/29/2015	L	473	215	7.4	C-746-Q	Proc Bldgs	RTM
119802	119802-09	PCB Container	VENTILATION DUCT OIL AND WATER	7/29/2015	L	480	218	7.4	C-746-Q	Proc Bldgs	RTM
119802	119802-10	PCB Container	VENTILATION DUCT OIL AND WATER	7/30/2015	L	462	210	7.4	C-746-Q	Proc Bldgs	RTM
119802	119802-11	PCB Container	VENTILATION DUCT OIL AND WATER	9/10/2015	L	482	219	7.4	C-746-Q	Proc Bldgs	RTM
119802	119802-12	PCB Container	VENTILATION DUCT OIL AND WATER	10/29/2015	L	487	221	7.4	C-746-Q	Proc Bldgs	RTM
119803	119803-01	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	5/27/2015	S	118	54	7.4	C-746-Q	Proc Bldgs	TM
119803	119803-02	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	10/20/2015	S	159	72	7.4	C-746-Q	Proc Bldgs	TM
119803	119803-03	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	11/18/2015	S	152	69	7.4	C-746-Q	Proc Bldgs	TM
119803	119803-04	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	11/19/2015	S	147	67	7.4	C-746-Q	Proc Bldgs	TM
119845	119845-01	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/18/2015	S	94	43	7.4	C-752-A	C-337	TM
119845	119845-02	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/18/2015	S	104	47	7.4	C-752-A	C-337	TM
119845	119845-03	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/18/2015	S	108	49	7.4	C-752-A	C-337	TM
119845	119845-04	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/18/2015	S	116	53	7.4	C-752-A	C-337	TM

Table 10.2. PCB Waste Inventory as of January 1, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
119845	119845-05	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	7/30/2015	S	108	49	7.4	C-752-A	C-337	TM
119845	119845-06	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	8/7/2015	S	174	79	7.4	C-752-A	C-337	TM
119845	119845-07	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	8/19/2015	S	90	41	7.4	C-752-A	C-337	TM
119845	119845-08	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	8/23/2015	S	98	44	7.4	C-752-A	C-337	TM
119845	119845-09	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/18/2015	S	120	54	7.4	C-752-A	C-337	TM
119845	119845-10	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	8/21/2015	S	182	83	7.4	C-752-A	C-337	TM
119845	119845-11	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/9/2015	S	108	49	7.4	C-752-A	C-337	TM
119845	119845-12	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/16/2015	S	118	54	7.4	C-752-A	C-337	TM
119845	119845-13	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/23/2015	S	98	44	7.4	C-752-A	C-337	TM
119845	119845-14	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/18/2015	S	111	50	7.4	C-752-A	C-337	TM
119845	119845-15	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/1/2015	S	114	52	7.4	C-752-A	C-337	TM
119845	119845-16	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	8/31/2015	S	117	53	7.4	C-752-A	C-337	TM
119845	119845-17	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/21/2015	S	107	49	7.4	C-752-A	C-337	TM

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Table 10.2. PCB Waste Inventory as of January 1, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
119845	119845-18	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/25/2015	S	125	57	7.4	C-752-A	C-337	TM
119845	119845-19	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/25/2015	S	120	54	7.4	C-752-A	C-337	TM
119845	119845-20	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/1/2015	S	106	48	7.4	C-752-A	C-337	TM
119845	119845-21	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/28/2015	S	101	46	7.4	C-752-A	C-337	TM
119845	119845-22	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/26/2015	S	106	48	7.4	C-752-A	C-337	TM
119845	119845-23	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/8/2015	S	110	50	7.4	C-752-A	C-337	TM
119845	119845-24	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/5/2015	S	115	52	7.4	C-752-A	C-337	TM
119845	119845-25	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/9/2015	S	140	64	7.4	C-752-A	C-337	TM
119845	119845-26	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/12/2015	S	116	53	7.4	C-752-A	C-337	TM
119845	119845-27	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/2015	S	134	61	7.4	C-752-A	C-337	TM
119845	119845-28	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/6/2015	S	114	52	7.4	C-752-A	C-337	TM
119845	119845-29	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/2015	S	101	46	7.4	C-752-A	C-337	TM
119845	119845-30	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/2015	S	116	53	7.4	C-752-A	C-337	TM

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Table 10.2. PCB Waste Inventory as of January 1, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
119845	119845-31	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/2/2015	S	112	51	7.4	C-752-A	C-337	TM
119845	119845-32	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/30/2015	S	119	54	7.4	C-752-A	C-337	TM
119845	119845-33	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/7/2015	S	105	48	7.4	C-752-A	C-337	TM
119845	119845-34	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/2015	S	99	45	7.4	C-752-A	C-337	TM
119845	119845-35	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/19/2015	S	102	46	7.4	C-752-A	C-337	TM
119845	119845-36	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/2015	S	120	54	7.4	C-752-A	C-337	TM
119845	119845-37	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/8/2015	S	93	42	7.4	C-752-A	C-337	TM
119845	119845-38	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/8/2015	S	103	47	7.4	C-752-A	C-337	TM
119845	119845-39	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/8/2015	S	111	50	7.4	C-752-A	C-337	TM
119845	119845-40	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/9/2015	S	126	57	7.4	C-752-A	C-337	TM
119845	119845-41	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/2015	S	98	44	7.4	C-752-A	C-337	TM
119845	119845-42	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/2015	S	96	44	7.4	C-752-A	C-337	TM
119845	119845-43	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/17/2015	S	146	66	7.4	C-752-A	C-337	TM

Table 10.2. PCB Waste Inventory as of January 1, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
119874	119874-01	PCB Container	PCB SOLIDS FROM DECON OF PCB AREAS./ITEMS	7/30/2015	S	148	67	7.4	C-752-A	C-337	TM
119874	119874-02	PCB Container	PCB SOLIDS FROM DECON OF PCB AREAS./ITEMS	7/30/2015	S	136	62	7.4	C-752-A	C-337	TM
119874	119874-03	PCB Container	PCB SOLIDS FROM DECON OF PCB AREAS./ITEMS	8/31/2015	S	100	45	7.4	C-752-A	C-337	TM
119874	119874-04	PCB Container	PCB SOLIDS FROM DECON OF PCB AREAS./ITEMS	8/28/2015	S	136	62	7.4	C-752-A	C-337	TM
120194	120194-01	PCB Container	RCRA/TSCA/LLW SAMPLE RETURNS FROM C-710 LAB	8/5/2015	S	22	10	0.67	C-752-A	C-710	RTM
120344	120344-01	PCB Container	PCB Contaminated RCRA Debris	6/3/2015	S	2522	1,144	90	C-752-A	Various	RTM

*Collection container - no weight reported as of December 31, 2015.

L = Liquid

RTM = RCRA-TSCA Mixed

RTN = RCRA-TSCA Nonradiological

S = Solid

TM = TSCA Mixed

TN = TSCA Nonradiological

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2016 SUMMARY BEGINNING INVENTORY OF PCB WASTE								
Item Count			lb	kg	ft ³	(lb)	(kg)	(ft ³)
2	Articles		72,300	32,795	2,766			
5	Article Containers		2,912	1,321	120			
0	Article Containers—Large Capacitors					0	0	0
0	Article Containers—Electrical Equipment					0	0	0
1	Article Containers—Light Ballasts					200	91	7
4	Article Containers—Misc Equip (motors, pumps)					2,712	1,230	112
0	Article Containers—Transformers					0	0	0
0	Article Containers—Small Capacitors (< 3 lb)					0	0	0
91	Containers		25,704	11,659	749			
35	Containers Liquid					16,848	7,642	259
56	Containers Solid					8,856	4,017	490
98	TOTAL		100,916	45,775	3,635			

Table 10.3. Corrections and Adjustments

Adj	RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Source	Waste Cat	Comments
-1	118321	118321-01	PCB Article Container	BLDG DEMOLITION DEBRIS (BULK MATERIALS, EMPTY TANKS, TRANSFORMERS, BALLASTS, ETC.)	10/2/2015	S	-1973	-895	-90	C-746-B	TM	Sampled and verified as Non-PCB
-1	118321	118321-02	PCB Article Container	BLDG DEMOLITION DEBRIS (BULK MATERIALS, EMPTY TANKS, TRANSFORMERS, BALLASTS, ETC.)	10/1/2015	S	-270	-122	-7.4	Various	TM	Sampled and verified as Non-PCB
-1	118321	118321-03	PCB Article Container	BLDG DEMOLITION DEBRIS (BULK MATERIALS, EMPTY TANKS, TRANSFORMERS, BALLASTS, ETC.)	10/1/2015	S	-268	-122	-7.4	Various	TM	Sampled and verified as Non-PCB
-1	119740	119740-01	PCB Container	PCB SOLIDS	4/6/2015	S	0	0	0	Proc Bldgs	TM	Changed from PCB Container to PCB Article Container
1	119740	119740-01	PCB Article Container	PCB BALLASTS & SOLIDS	4/6/2015	S	0	0	0	Proc Bldgs	TM	Changed from PCB Container to PCB Article Container
0	*119740	*119740-01	PCB Article Container	PCB BALLASTS & SOLIDS	4/6/2015	S	200	91	7.4	Proc Bldgs	TM	Weight estimated to 91 kg
0	119747	119747-01	PCB Article Container	POTENTIAL PCB CONTAMINATED DOOR CLOSERS	6/3/2015	S	163	74	7.4	Proc Bldgs	TM	Weight changed from 91 kg to 165 kg
-1	119718	119718-01	PCB Container	LEAD-BEARING ELECTRICAL CABLE, POSSIBLE PCBs PRESENT - CURRENTLY MANAGED AS PCB WASTE	6/3/2015	S	-216	-98	-7.4	C-331	RTN	Repacked

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Table 10.3. Corrections and Adjustments (Continued)

Adj	RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Source	Waste Cat	Comments
1	119845	119845-44	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/30/2015	S	100	45	7.4	C-337	TM	Information received after 2015 report submittal
1	119845	119845-45	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/2015	S	108	49	7.4	C-337	TM	Information received after 2015 report submittal
1	119845	119845-47	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/2015	S	98	44	7.4	C-337	TM	Information received after 2015 report submittal
-1	119880	119880-54	PCB Container	PCB TRANSFORMER OIL	1/22/2016	L	-2454	-1114	-44.11	C-337	TN	Repacked
-1	119880	119880-55	PCB Container	PCB TRANSFORMER OIL	1/29/2016	L	-2454	-1114	-44.11	C-337	TN	Repacked
-1	119880	119880-56	PCB Container	PCB TRANSFORMER OIL	3/5/2016	L	-2454	-1114	-44.11	C-337	TN	Repacked
-1	119880	119880-57	PCB Container	PCB TRANSFORMER OIL	3/22/2016	L	-2454	-1114	-44.11	C-337	TN	Repacked
-1	119880	119880-58	PCB Container	PCB TRANSFORMER OIL	4/29/2016	L	-2454	-1114	-44.11	C-337	TN	Repacked
-1	119880	119880-59	PCB Container	PCB TRANSFORMER OIL	5/3/2016	L	-2454	-1114	-44.11	C-337	TN	Repacked
-1	119880	119880-60	PCB Container	PCB TRANSFORMER OIL	5/16/2016	L	-1227	-558	-44.11	C-337	TN	Repacked
-1	120085	120085-01	PCB Container	OILS AND LIQUIDS DRAINED FROM OBSOLETE AND NON-FUNCTIONAL EQUIPMENT PREVIOUSLY STORED IN THE C-727 FACILITY.	3/23/2016	L	-29	-13	-7.4	C-727	RTM	Repacked

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Table 10.3. Corrections and Adjustments (Continued)

Adj	RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Source	Waste Cat	Comments
-1	120194	120194-01	PCB Container	RCRA/TSCA/LLW SAMPLE RETURNS FROM C-710 LAB	8/5/2015	S	-22	-10	-0.67	C-710	RTM	Changed from Solid to Liquid
1	120194	120194-01	PCB Container	RCRA/TSCA/LLW SAMPLE RETURNS FROM C-710 LAB	8/5/2015	L	22	10	0.67	C-710	RTM	Changed from Solid to Liquid

*Collection container - estimated weight as of December 31, 2016.

- L = Liquid
- RTM = RCRA-TSCA Mixed
- RTN = RCRA-TSCA Nonradiological
- S = Solid
- TM = TSCA Mixed
- TN = TSCA Nonradiological

2016 SUMMARY OF CORRECTIONS AND ADJUSTMENTS								
Item Count			lb	kg	ft ³	(lb)	(kg)	(ft ³)
0	Articles		0	0	0			
-2	Article Containers		-2,148	-974	-90			
0	Article Containers—Large Capacitors					0	0	0
0	Article Containers—Electrical Equipment					0	0	0
1	Article Containers—Light Ballasts					200	91	7
-3	Article Containers—Misc Equip (motors, pumps)					-2,348	-1,065	-97
0	Article Containers—Transformers					0	0	0
0	Article Containers—Small Capacitors (< 3 lb)					0	0	0
-7	Containers		-15,890	-7,214	-302			
	-7	Containers Liquid				-15,958	-7,245	-316
		Containers Solid				68	31	14
-9	TOTAL		-18,038	-8,188	-392			

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Table 10.4. PCB Waste Generated in 2016

RFD	Waste ID	PCB_Item	Description	PCB_Date	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Physical	Current Facility	Source	Waste Cat
120569	120569-01	PCB Article Container	PCB BEARING SCRAP EQUIPMENT AND MATERIALS FROM THE CLEAN-OUT OF C-727.	6/21/2016	1798	816	90	S	C-753-A	C-727	TM
120569	120569-02	PCB Article Container	PCB BEARING SCRAP EQUIPMENT AND MATERIALS FROM THE CLEAN-OUT OF C-727.	2/25/2016	7700	3,493	280	S	C-727	C-727	TM
120572	120572-01	PCB Article Container	NON-LEAKING PCB FLUORESCENT LIGHT BALLASTS, AND LARGE AND SMALL PCB CAPACITORS.	1/5/2016	460	209	7.4	S	C-752-A	Various	TM
119803	119803-05	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	1/6/2016	114	52	7.4	S	C-746-Q	Proc Bldgs	TM
119803	119803-06	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	3/11/2016	167	76	7.4	S	C-746-Q	Proc Bldgs	TM
119803	119803-07	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	4/19/2016	101	46	7.4	S	C-746-Q	Proc Bldgs	TM
119803	119803-08	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	1/21/2016	132	60	7.4	S	C-746-Q	Proc Bldgs	TM
119803	119803-09	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	7/11/2016	177	80	7.4	S	C-746-Q	Proc Bldgs	TM
119845	119845-46	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	1/4/2016	118	54	7.4	S	C-752-A	C-337	TM
119845	119845-48	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	1/12/2016	144	65	7.4	S	C-752-A	C-337	TM
119845	119845-49	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	1/20/2016	88	40	7.4	S	C-752-A	C-337	TM
119845	119845-50	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	3/2/2016	134	61	7.4	S	C-752-A	C-337	TM
119845	119845-51	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	2/25/2016	184	83	7.4	S	C-752-A	C-337	TM
119845	119845-52	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	1/27/2016	94	43	7.4	S	C-752-A	C-337	TM
119845	119845-53	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	3/8/2016	87	39	7.4	S	C-752-A	C-337	TM

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Table 10.4. PCB Waste Generated in 2016 (Continued)

RFD	Waste ID	PCB_Item	Description	PCB_Date	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Physical	Current Facility	Source	Waste Cat
119845	119845-54	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	3/8/2016	96	44	7.4	S	C-752-A	C-337	TM
119845	119845-55	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	4/22/2016	92	42	7.4	S	C-752-A	C-337	TM
119845	119845-56	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	4/22/2016	94	43	7.4	S	C-337	C-337	TM
119845	119845-57	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	4/22/2016	99	45	7.4	S	C-337	C-337	TM
119845	119845-58	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	4/22/2016	96	44	7.4	S	C-337	C-337	TM
119845	119845-62	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/2/2016	120	54	7.4	S	C-337	C-337	TM
119880	119880-54	PCB Container	PCB TRANSFORMER OIL	1/22/2016	2454	1114	44.11	L	C-337-RPK	C-337	TN
119880	119880-55	PCB Container	PCB TRANSFORMER OIL	1/29/2016	2454	1114	44.11	L	C-337-RPK	C-337	TN
119880	119880-56	PCB Container	PCB TRANSFORMER OIL	3/5/2016	2454	1114	44.11	L	C-337-RPK	C-337	TN
119880	119880-57	PCB Container	PCB TRANSFORMER OIL	3/22/2016	2454	1114	44.11	L	C-337-RPK	C-337	TN
119880	119880-58	PCB Container	PCB TRANSFORMER OIL	4/29/2016	2454	1114	44.11	L	C-337-RPK	C-337	TN
119880	119880-59	PCB Container	PCB TRANSFORMER OIL	5/3/2016	2454	1114	44.11	L	C-337-RPK	C-337	TN
119880	119880-60	PCB Container	PCB TRANSFORMER OIL	5/16/2016	1227	557	44.11	L	C-337-RPK	C-337	TN
119880	119880-61	PCB Container	PCB TRANSFORMER OIL	1/22/2016	24920	11,304	802.08	L	C-337	C-337	TN
120085	120085-01	PCB Container	OILS AND LIQUIDS DRAINED FROM OBSOLETE AND NON-FUNCTIONAL EQUIPMENT PREVIOUSLY STORED IN THE C-727 FACILITY.	3/23/2016	29	13	7.4	L	C-752-ARPK	C-727	RTM

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Table 10.4. PCB Waste Generated in 2016 (Continued)

RFD	Waste ID	PCB_Item	Description	PCB_Date	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Physical	Current Facility	Source	Waste Cat
120085	120085-02	PCB Container	OILS AND LIQUIDS DRAINED FROM OBSOLETE AND NON-FUNCTIONAL EQUIPMENT PREVIOUSLY STORED IN THE C-727 FACILITY.	3/23/2016	46	21	0.67	L	C-752-A	C-727	RTM
120306	120306-01	PCB Container	VENTILATION DUCT OIL AND WATER	1/6/2016	463	210	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-02	PCB Container	VENTILATION DUCT OIL AND WATER	1/6/2016	483	219	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-03	PCB Container	VENTILATION DUCT OIL AND WATER	1/12/2016	501	227	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-04	PCB Container	VENTILATION DUCT OIL AND WATER	1/12/2016	480	218	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-05	PCB Container	VENTILATION DUCT OIL AND WATER	1/12/2016	484	220	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-06	PCB Container	VENTILATION DUCT OIL AND WATER	1/21/2016	472	214	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-07	PCB Container	VENTILATION DUCT OIL AND WATER	1/27/2016	472	214	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-08	PCB Container	VENTILATION DUCT OIL AND WATER	1/27/2016	472	214	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-09	PCB Container	VENTILATION DUCT OIL AND WATER	3/2/2016	494	224	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-10	PCB Container	VENTILATION DUCT OIL AND WATER	3/10/2016	490	222	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-11	PCB Container	VENTILATION DUCT OIL AND WATER	3/10/2016	478	217	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-12	PCB Container	VENTILATION DUCT OIL AND WATER	3/11/2016	484	220	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-13	PCB Container	VENTILATION DUCT OIL AND WATER	3/11/2016	497	225	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-14	PCB Container	VENTILATION DUCT OIL AND WATER	3/15/2016	474	215	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-15	PCB Container	VENTILATION DUCT OIL AND WATER	3/17/2016	482	219	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-16	PCB Container	VENTILATION DUCT OIL AND WATER	3/23/2016	460	209	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-17	PCB Container	VENTILATION DUCT OIL AND WATER	3/31/2016	458	208	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-18	PCB Container	VENTILATION DUCT OIL AND WATER	3/31/2016	478	217	7.4	L	C-746-Q	Proc Bldgs	TM

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Table 10.4. PCB Waste Generated in 2016 (Continued)

RFD	Waste ID	PCB_Item	Description	PCB_Date	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Physical	Current Facility	Source	Waste Cat
120306	120306-19	PCB Container	VENTILATION DUCT OIL AND WATER	3/31/2016	422	191	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-20	PCB Container	VENTILATION DUCT OIL AND WATER	4/13/2016	471	214	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-21	PCB Container	VENTILATION DUCT OIL AND WATER	5/4/2016	461	209	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-22	PCB Container	VENTILATION DUCT OIL AND WATER	5/4/2016	476	216	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-23	PCB Container	VENTILATION DUCT OIL AND WATER	5/11/2016	457	207	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-24	PCB Container	VENTILATION DUCT OIL AND WATER	5/12/2016	497	225	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-25	PCB Container	VENTILATION DUCT OIL AND WATER	5/17/2016	460	209	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-26	PCB Container	VENTILATION DUCT OIL AND WATER	5/17/2016	508	230	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-27	PCB Container	VENTILATION DUCT OIL AND WATER	5/17/2016	524	238	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-28	PCB Container	VENTILATION DUCT OIL AND WATER	6/1/2016	484	220	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-29	PCB Container	VENTILATION DUCT OIL AND WATER	7/5/2016	502	228	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-30	PCB Container	VENTILATION DUCT OIL AND WATER	7/5/2016	469	213	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-31	PCB Container	VENTILATION DUCT OIL AND WATER	7/5/2016	475	215	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-32	PCB Container	VENTILATION DUCT OIL AND WATER	7/5/2016	460	209	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-33	PCB Container	VENTILATION DUCT OIL AND WATER	7/5/2016	482	219	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-34	PCB Container	VENTILATION DUCT OIL AND WATER	7/6/2016	503	228	7.4	L	C-746-Q	Proc Bldgs	TM
120306	120306-35	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2016	485	220	7.4	L	C-746-Q	Proc Bldgs	TM

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Table 10.4. PCB Waste Generated in 2016 (Continued)

RFD	Waste ID	PCB_Item	Description	PCB_Date	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Physical	Current Facility	Source	Waste Cat
120356	120356-02	PCB Container	AQUEOUS PRIMARY AND SECONDARY WASTE. AQUEOUS WASTE HAVING SOLID PARTICULATES EMANATING FROM THE SLUDGE THAT CANNOT BE FILTERED FROM ENTERING THE WASTE CONTAINER IS TO PACKAGED AND TREATED WITH THE SLUDGE/SLURRY (I.E. rfd 120357).	9/14/2016	2828	1,283	44.11	L	C-752-A	SWMU 27	RTM
120356	120356-03	PCB Container	AQUEOUS PRIMARY AND SECONDARY WASTE. AQUEOUS WASTE HAVING SOLID PARTICULATES EMANATING FROM THE SLUDGE THAT CANNOT BE FILTERED FROM ENTERING THE WASTE CONTAINER IS TO PACKAGED AND TREATED WITH THE SLUDGE/SLURRY (I.E. rfd 120357).	9/14/2016	594	269	44.11	L	C-752-A	SWMU 27	RTM
120357	120357-01	PCB Container	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	9/15/2016	418	190	7.4	D	C-752-A	SWMU 27	RTM
120357	120357-02	PCB Container	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	9/15/2016	458	208	7.4	D	C-752-A	SWMU 27	RTM
120357	120357-03	PCB Container	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	9/15/2016	422	191	7.4	D	C-752-A	SWMU 27	RTM
120357	120357-04	PCB Container	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	9/15/2016	444	201	7.4	D	C-752-A	SWMU 27	RTM

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Table 10.4. PCB Waste Generated in 2016 (Continued)

RFD	Waste ID	PCB_Item	Description	PCB_Date	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Physical	Current Facility	Source	Waste Cat
120357	120357-05	PCB Container	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS). POTENTIALLY "SOILED"	9/15/2016	478	217	7.4	D	C-752-A	SWMU 27	RTM
120358	120358-02	PCB Container	SECONDARY WASTE EMANATING FROM CONTACT WITH PRIMARY WASTE STREAMS INCLUDING BOUNDARY CONTROL WASTE (E.G. STEP OFF PADS, GLOVES, ABSORBENT PADS, PPE, RESPIRATOR CARTRIDGES) AND SAMPLING EQUIPMENT NOT BEING DECONTAMINATED (E.G. COLIWASA) AND PRIMARY WASTE FROM WITHIN THE NEUTRALIZATION PIT NOT ABLE TO BE PACAKGED AND TRETED WITH THESLUDGE/SLURRY (I.E. RED 120357)	9/14/2016	1228	557	90	S	C-752-A	SWMU 27	RTM
120358	120358-03	PCB Container	POTENTIALLY "SOILED" SECONDARY WASTE EMANATING FROM CONTACT WITH PRIMARY WASTE STREAMS INCLUDING BOUNDARY CONTROL WASTE (E.G. STEP OFF PADS, GLOVES, ABSORBENT PADS, PPE, RESPIRATOR CARTRIDGES) AND SAMPLING EQUIPMENT NOT BEING DECONTAMINATED (E.G. COLIWASA) AND PRIMARY WASTE FROM WITHIN THE NEUTRALIZATION PIT NOT ABLE TO BE PACAKGED AND TREATED WITH THESLUDGE/SLURRY (I.E. RED 120357)	4/5/2016	1410	640	90	S	C-752-A	SWMU 27	RTM
120587	120587-01	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2016	464	210	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-02	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2016	470	213	7.4	L	C-746-Q	Proc Bldgs	TM

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Table 10.4. PCB Waste Generated in 2016 (Continued)

RFD	Waste ID	PCB_Item	Description	PCB_Date	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Physical	Current Facility	Source	Waste Cat
120587	120587-03	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2016	517	235	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-04	PCB Container	VENTILATION DUCT OIL AND WATER	7/11/2016	450	204	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-05	PCB Container	VENTILATION DUCT OIL AND WATER	7/11/2016	501	227	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-06	PCB Container	VENTILATION DUCT OIL AND WATER	7/13/2016	504	229	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-07	PCB Container	VENTILATION DUCT OIL AND WATER	7/19/2016	492	223	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-08	PCB Container	VENTILATION DUCT OIL AND WATER	7/28/2016	503	228	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-09	PCB Container	VENTILATION DUCT OIL AND WATER	8/2/2016	510	231	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-10	PCB Container	VENTILATION DUCT OIL AND WATER	8/9/2016	499	226	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-11	PCB Container	VENTILATION DUCT OIL AND WATER	8/9/2016	473	215	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-12	PCB Container	VENTILATION DUCT OIL AND WATER	8/9/2016	492	223	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-13	PCB Container	VENTILATION DUCT OIL AND WATER	8/9/2016	470	213	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-14	PCB Container	VENTILATION DUCT OIL AND WATER	8/9/2016	471	214	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-15	PCB Container	VENTILATION DUCT OIL AND WATER	8/16/2016	517	235	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-16	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	504	229	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-17	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	505	229	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-18	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	492	223	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-19	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	496	225	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-20	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	516	234	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-21	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	483	219	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-22	PCB Container	VENTILATION DUCT OIL AND WATER	8/18/2016	454	206	7.4	L	C-746-Q	Proc Bldgs	TM

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Table 10.4. PCB Waste Generated in 2016 (Continued)

RFD	Waste ID	PCB_Item	Description	PCB_Date	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Physical	Current Facility	Source	Waste Cat
120587	120587-23	PCB Container	VENTILATION DUCT OIL AND WATER	8/24/2016	482	219	7.4	L	C-746-Q	Proc Bldgs	TM
120587	120587-24	PCB Container	VENTILATION DUCT OIL AND WATER	9/8/2016	305	138	7.4	L	C-746-Q	Proc Bldgs	TM
120702	120702-01	PCB Container	SOLUTION FROM SAMPLE ANALYSIS USING PCB TEST KITS	7/7/2016	37	17	0.67	L	C-733	C-710	RTM
120703	120703-01	PCB Container	PPE PAPER PLASTIC GLASS DEBRIS PCB KITS SAMPLE ANALYSIS	4/28/2016	120	54	7.4	S	C-752-A	C-710	RTM
120860	120860-01	PCB Container	CLASS 9 LIQUIDS AROCHLOR STANDARDS IN ISOCTANE - AROCHLOR 1242 1000 UG/ML 2 ML- AROCHLOR STANDARDS IN HEXANE - AROCHLOR 1016 1000 UG/ML 7 ML - AROCHLOR 1016/1260 MIX 1000 UG/ML 1 ML - AROCHLOR 1221 1000 UG/ML 8 ML - AROCHLOR 1232 1000 UG/ML 9 ML - AROCHLOR 1242 1000 UG/ML 8 ML - AROCHLOR 1248 1000 UG/ML 9 ML - AROCHLOR 1254 1000 UG/ML 9 ML - AROCHLOR 1260 UG/ML 12 ML	8/17/2016	18	8	0.67	L	C-733	C-709	RTM
120903	120903-01	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	11/17/2016	454	206	7.4	L	C-337	C-337	TM
120903	120903-02	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	11/30/2016	483	219	7.4	L	C-337	C-337	TM
120903	120903-03	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/6/2016	456	207	7.4	L	C-337	C-337	TM
120903	120903-04	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/6/2016	448	203	7.4	L	C-337	C-337	TM
120903	120903-05	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/19/2016	438	199	7.4	L	C-746-Q	C-337	TM
120903	120903-06	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/19/2016	436	198	7.4	L	C-746-Q	C-337	TM
120903	120903-07	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/19/2016	486	220	7.4	L	C-746-Q	C-337	TM
120903	120903-08	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/28/2016	474	215	7.4	L	C-746-Q	C-337	TM
*120904	*120904-01	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS FROM C-337	11/1/2016	115	52	7.4	S	C-337	C-337	TM
120905	120905-01	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-335	11/30/2016	442	200	7.4	L	C-746-Q	C-335	TM

Table 10.4. PCB Waste Generated in 2016 (Continued)

RFD	Waste ID	PCB_Item	Description	PCB_Date	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Physical	Current Facility	Source	Waste Cat
120905	120905-02	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-335	12/20/2016	322	146	7.4	L	C-746-Q	C-335	TM
120907	120907-01	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-333	11/30/2016	286	130	7.4	L	C-746-Q	C-333	TM

*Collection container - estimated weight as of December 31, 2016.

D = Sludge

L = Liquid

RTM = RCRA-TSCA Mixed

RTN = RCRA-TSCA Nonradiological

S = Solid

TM = TSCA Mixed

TN = TSCA Nonradiological

2016 SUMMARY OF PCB WASTE GENERATED								
Item Count			lb	kg	ft ³	(lb)	(kg)	(ft ³)
0	Articles		0	0	0			
3	Article Containers		9,958	4,517	377			
0	Article Containers—Large Capacitors					0	0	0
0	Article Containers—Electrical Equipment					0	0	0
1	Article Containers—Light Ballasts					460	209	7
2	Article Containers—Misc Equip (motors, pumps)					9,498	4,308	370
0	Article Containers—Transformers					0	0	0
0	Article Containers—Small Capacitors (< 3 lb)					0	0	0
111	Containers		84,706	38,429	2,091			
84	Containers Liquid					77,476	35,149	1,726
27	Containers Solid					7,230	3,280	365
114	TOTAL		94,664	42,946	2,468			

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Table 10.5. PCB Waste Received from Off-Site Facilities in 2016

No PCB waste was received from off-site facilities.

Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2016

RFD	WasteID	PCB_Item	Description	PCB_Date	GrossWt (lb)	GrossWt (kg)	GrossVol (ft ³)	Physical	Source	Waste Cat	Ship Date	Ship Location	Manifest
120569	120569-01	PCB Article Container	PCB BEARING SCRAP EQUIPMENT AND MATERIALS FROM THE CLEAN-OUT OF C-727.	6/21/2016	1798	816	90	S	C-727	TM	7/19/2016	ES_Clive	006841814JJK
120569	120569-02	PCB Article Container	PCB BEARING SCRAP EQUIPMENT AND MATERIALS FROM THE CLEAN-OUT OF C-727.	2/25/2016	7700	3,493	280	S	C-727	TM	7/19/2016	ES_Clive	006841814JJK
120572	120572-01	PCB Article Container	NON-LEAKING PCB FLUORESCENT LIGHT BALLASTS, AND LARGE AND SMALL PCB CAPACITORS.	1/5/2016	460	209	7.4	S	Various	TM	6/30/2016	ES_Clive	006841813JJK
119689	119689-04	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	4/9/2015	99	45	7.4	S	C-331	TM	3/28/2016	ES_Clive	006841798JJK
119802	119802-01	PCB Container	VENTILATION DUCT OIL AND WATER	4/22/2015	470	213	7.4	L	Proc Bldgs	RTM	3/23/2016	DSSI	006841794JJK
119802	119802-02	PCB Container	VENTILATION DUCT OIL AND WATER	5/20/2015	458	208	7.4	L	Proc Bldgs	RTM	3/23/2016	DSSI	006841794JJK
119802	119802-03	PCB Container	VENTILATION DUCT OIL AND WATER	6/24/2015	478	217	7.4	L	Proc Bldgs	RTM	3/23/2016	DSSI	006841794JJK
119803	119803-01	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	5/27/2015	118	54	7.4	S	Proc Bldgs	TM	3/28/2016	ES_Clive	006841798JJK
119803	119803-02	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	10/20/2015	159	72	7.4	S	Proc Bldgs	TM	3/28/2016	ES_Clive	006841798JJK
119803	119803-03	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	11/18/2015	152	69	7.4	S	Proc Bldgs	TM	3/28/2016	ES_Clive	006841798JJK
119803	119803-04	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	11/19/2015	147	67	7.4	S	Proc Bldgs	TM	3/28/2016	ES_Clive	006841798JJK
119803	119803-05	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	1/6/2016	114	52	7.4	S	Proc Bldgs	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-01	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/18/2015	94	43	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-02	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/18/2015	104	47	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-03	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/30/2015	108	49	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-04	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/30/2015	116	53	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK

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Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2016 (Continued)

RFD	WasteID	PCB_Item	Description	PCB_Date	GrossWt (lb)	GrossWt (kg)	GrossVol (ft ³)	Physical	Source	Waste Cat	Ship Date	Ship Location	Manifest
119845	119845-05	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	7/30/2015	108	49	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-06	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	7/30/2015	174	79	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-07	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	8/12/2015	90	41	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-08	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	8/22/2015	98	44	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-09	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	8/12/2015	120	54	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-10	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	8/12/2015	182	83	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841802JJK
119845	119845-11	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/9/2015	108	49	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-12	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/16/2015	118	54	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-13	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/23/2015	98	44	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-14	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/18/2015	111	50	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-15	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/1/2015	114	52	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK

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Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2016 (Continued)

RFD	WasteID	PCB_Item	Description	PCB_Date	GrossWt (lb)	GrossWt (kg)	GrossVol (ft ³)	Physical	Source	Waste Cat	Ship Date	Ship Location	Manifest
119845	119845-16	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	8/31/2015	117	53	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-17	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/21/2015	107	49	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-18	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/25/2015	125	57	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-19	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/25/2015	120	54	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-20	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/1/2015	106	48	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-21	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	9/28/2015	101	46	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-22	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/26/2015	106	48	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-23	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/8/2015	110	50	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-24	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/5/2015	115	52	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-25	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	10/9/2015	140	64	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-26	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/12/2015	116	53	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK

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Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2016 (Continued)

RFD	WasteID	PCB_Item	Description	PCB_Date	GrossWt (lb)	GrossWt (kg)	GrossVol (ft ³)	Physical	Source	Waste Cat	Ship Date	Ship Location	Manifest
119845	119845-27	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/2015	134	61	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-28	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/6/2015	114	52	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-29	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/2015	101	46	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-30	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/2015	116	53	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-31	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/2/2015	112	51	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-32	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/30/2015	119	54	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-33	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/7/2015	105	48	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-34	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/2015	99	45	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-35	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/19/2015	102	46	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-36	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	11/25/2015	120	54	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-37	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/8/2015	93	42	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK

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Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2016 (Continued)

RFD	WasteID	PCB_Item	Description	PCB_Date	GrossWt (lb)	GrossWt (kg)	GrossVol (ft ³)	Physical	Source	Waste Cat	Ship Date	Ship Location	Manifest
119845	119845-38	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/8/2015	103	47	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-39	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/8/2015	111	50	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-40	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/9/2015	126	57	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-41	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/2015	98	44	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-42	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/2015	96	44	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-43	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/17/2015	146	66	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119845	119845-44	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/30/2015	100	45	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119845	119845-45	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/2015	108	49	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119845	119845-46	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	1/4/2016	118	54	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119845	119845-47	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	12/29/2015	98	44	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119845	119845-48	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	1/12/2016	144	65	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK

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Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2016 (Continued)

RFD	WasteID	PCB_Item	Description	PCB_Date	GrossWt (lb)	GrossWt (kg)	GrossVol (ft ³)	Physical	Source	Waste Cat	Ship Date	Ship Location	Manifest
119845	119845-49	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	1/20/2016	88	40	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119845	119845-50	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	3/2/2016	134	61	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119845	119845-51	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	2/25/2016	184	83	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119845	119845-52	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	1/27/2016	94	43	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119845	119845-53	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	3/8/2016	87	39	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119845	119845-54	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	3/8/2016	96	44	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119845	119845-55	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	4/22/2016	92	42	7.4	S	C-337	TM	6/30/2016	ES_Clive	006841811JJK
119874	119874-01	PCB Container	PCB SOLIDS FROM DECON OF PCB AREAS,/ITEMS	7/30/2015	148	67	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119874	119874-02	PCB Container	PCB SOLIDS FROM DECON OF PCB AREAS,/ITEMS	7/30/2015	136	62	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119874	119874-03	PCB Container	PCB SOLIDS FROM DECON OF PCB AREAS,/ITEMS	8/31/2015	100	45	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119874	119874-04	PCB Container	PCB SOLIDS FROM DECON OF PCB AREAS,/ITEMS	8/28/2015	136	62	7.4	S	C-337	TM	3/28/2016	ES_Clive	006841798JJK
119880	119880-61	PCB Container	PCB TRANSFORMER OIL	1/22/2016	24920	11,304	802.08	L	C-337	TN	5/20/2016	CH-DeerPrk	006841805JJK
120085	120085-02	PCB Container	OILS AND LIQUIDS DRAINED FROM OBSOLETE AND NON-FUNCTIONAL EQUIPMENT PREVIOUSLY STORED IN THE C-727 FACILITY.	3/23/2016	46	21	0.67	L	C-727	RTM	6/29/2016	PERMAFIX	006841810JJK

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Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2016 (Continued)

RFD	WasteID	PCB_Item	Description	PCB_Date	GrossWt (lb)	GrossWt (kg)	GrossVol (ft ³)	Physical	Source	Waste Cat	Ship Date	Ship Location	Manifest
120194	120194-01	PCB Container	RCRA/TSCA/LLW LABPACKED SAMPLE RESIDUALS/EXTRACTS FROM C-710 LAB	8/5/2015	22	10	0.67	L	C-710	RTM	6/29/2016	PERMAFIX	006841810JJK
120344	120344-01	PCB Container	PCB CONTAMINATED RCRA DEBRIS	6/3/2015	2522	1,144	90	S	Various	RTM	3/28/2016	ES_Clive	006841795JJK
120356	120356-02	PCB Container	AQUEOUS PRIMARY AND SECONDARY WASTE. AQUEOUS WASTE HAVING SOLID PARTICULATES EMANATING FROM THE SLUDGE THAT CANNOT BE FILTERED FROM ENTERING THE WASTE CONTAINER IS TO PACKAGED AND TREATED WITH THE SLUDGE/SLURRY (I.E. rfd 120357).	9/14/2016	2828	1,283	44.11	L	SWMU 27	RTM	10/28/2016	ES_Clive	006841826JJK
120356	120356-03	PCB Container	AQUEOUS PRIMARY AND SECONDARY WASTE. AQUEOUS WASTE HAVING SOLID PARTICULATES EMANATING FROM THE SLUDGE THAT CANNOT BE FILTERED FROM ENTERING THE WASTE CONTAINER IS TO PACKAGED AND TREATED WITH THE SLUDGE/SLURRY (I.E. rfd 120357).	9/14/2016	594	269	44.11	L	SWMU 27	RTM	10/28/2016	ES_Clive	006841826JJK
120357	120357-01	PCB Container	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	9/15/2016	418	190	7.4	D	SWMU 27	RTM	10/27/2016	DSSI	006841822JJK

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Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2016 (Continued)

RFD	WasteID	PCB_Item	Description	PCB_Date	GrossWt (lb)	GrossWt (kg)	GrossVol (ft ³)	Physical	Source	Waste Cat	Ship Date	Ship Location	Manifest
120357	120357-02	PCB Container	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	9/15/2016	458	208	7.4	D	SWMU 27	RTM	10/27/2016	DSSI	006841822JJK
120357	120357-03	PCB Container	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	9/15/2016	422	191	7.4	D	SWMU 27	RTM	10/27/2016	DSSI	006841822JJK
120357	120357-04	PCB Container	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	9/15/2016	444	201	7.4	D	SWMU 27	RTM	10/27/2016	DSSI	006841822JJK
120357	120357-05	PCB Container	SLUDGE OR SLURRY THAT IS PRIMARY WASTE AND SLUDGE OR SLURRY GENERATING AS SECONDARY WASTE (e.g., DURING DECONTAMINATION EFFORTS).	9/15/2016	478	217	7.4	D	SWMU 27	RTM	10/27/2016	DSSI	006841822JJK

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Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2016 (Continued)

RFD	WasteID	PCB_Item	Description	PCB_Date	GrossWt (lb)	GrossWt (kg)	GrossVol (ft ³)	Physical	Source	Waste Cat	Ship Date	Ship Location	Manifest
120358	120358-02	PCB Container	POTENTIALLY "SOILED" SECONDARY WASTE EMANATING FROM CONTACT WITH PRIMARY WASTE STREAMS INCLUDING BOUNDARY CONTROL WASTE (E.G. STEP OFF PADS, GLOVES, ABSORBENT PADS, PPE, RESPIRATOR CARTRIDGES) AND SAMPLING EQUIPMENT NOT BEING DECONTAMINATED (E.G. COLIWASA) AND PRIMARY WASTE FROM WITHIN THE NEUTRALIZATION PIT NOT ABLE TO BE PACAKGED AND TRETED WITH THESLUDGE/SLURRY (I.E. RFD 120357)	9/14/2016	1228	557	90	S	SWMU 27	RTM	10/28/2016	ES_Clive	006841825JJK
120358	120358-03	PCB Container	POTENTIALLY "SOILED" SECONDARY WASTE EMANATING FROM CONTACT WITH PRIMARY WASTE STREAMS INCLUDING BOUNDARY CONTROL WASTE (E.G. STEP OFF PADS, GLOVES, ABSORBENT PADS, PPE, RESPIRATOR CARTRIDGES) AND SAMPLING EQUIPMENT NOT BEING DECONTAMINATED (E.G. COLIWASA) AND PRIMARY WASTE FROM WITHIN THE NEUTRALIZATION PIT NOT ABLE TO BE PACAKGED AND TREATED WITH THESLUDGE/SLURRY (I.E. RFD 120357)	4/5/2016	1410	640	90	S	SWMU 27	RTM	10/28/2016	ES_Clive	006841824JJK
120702	120702-01	PCB Container	SOLUTION FROM SAMPLE ANALYSIS USING PCB TEST KITS	7/7/2016	37	17	0.67	L	C-710	RTM	8/19/2016	PERMAFIX	006841816JJK

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Table 10.6. PCB Wastes Shipped Off-Site for Disposal in 2016 (Continued)

RFD	WasteID	PCB_Item	Description	PCB_Date	GrossWt (lb)	GrossWt (kg)	GrossVol (ft ³)	Physical	Source	Waste Cat	Ship Date	Ship Location	Manifest
120703	120703-01	PCB Container	PPE PAPER PLASTIC GLASS DEBRIS PCB KITS SAMPLE ANALYSIS	4/28/2016	120	54	7.4	S	C-710	RTM	8/19/2016	PERMAFIX	006841816JJK
120860	120860-01	PCB Container	CLASS 9 LIQUIDS AROCHLOR STANDARDS IN ISOCTANE - AROCHLOR 1242 1000 UG/ML 2 ML - AROCHLOR STANDARDS IN HEXANE - AROCHLOR 1016 1000 UG/ML 7 ML - AROCHLOR 1016/1260 MIX 1000 UG/ML 1 ML - AROCHLOR 1221 1000 UG/ML 8 ML - AROCHLOR 1232 1000 UG/ML 9 ML - AROCHLOR 1242 1000 UG/ML 8 ML - AROCHLOR 1248 1000 UG/ML 9 ML - AROCHLOR 1254 1000 UG/ML 9 ML - AROCHLOR 1260 UG/ML 12 ML	8/17/2016	18	8	0.67	L	C-709	RTM	8/26/2016	ES_Clive	006841819JJK

CH-Deer Prk = Clean Harbors Deer Park
 D = Sludge
 ES_Clive = EnergySolutions , Clive
 L = Liquid

RTM = RCRA-TSCA Mixed
 RTN = RCRA-TSCA Nonradiological
 S = Solid
 TM = TSCA Mixed
 TN = TSCA Nonradiological

2016 SUMMARY OF PCB WASTE SHIPPED

Item Count		lb	kg	ft ³	(lb)	(kg)	(ft ³)
0	Articles	0	0	0			
3	Article Containers	9,958	4,517	377			
0	Article Containers—Large Capacitors				0	0	0
0	Article Containers—Electrical Equipment				0	0	0
1	Article Containers—Light Ballasts				460	209	7
2	Article Containers—Misc Equip (motors, pumps)				9,498	4,308	370
0	Article Containers—Transformers				0	0	0
0	Article Containers—Small Capacitors (< 3 lb)				0	0	0
84	Containers	44,924	20,377	1,710			
10	Containers Liquid				29,871	13,549	915
74	Containers Solid				15,053	6,828	795
87	TOTAL	54,882	24,894	2,087			

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Table 10.7. PCB Waste Disposed of Off-Site for which CDs Were Received in CY 2016

UHWM	Date Removed from Service	Date Shipped	Disposer	Containers Disposed of	Net Weight (kg)	Date Disposed of ¹	Date CD Received
006841697JJK	10/4/2013	2/10/2015	M&EC, Oak Ridge, TN	1	3	2/22/2016	3/23/2016
006841724JJK	8/31/2015	8/31/2015	Veolia Technical Solutions, Port Arthur, TX	1	19,205	10/6/2015	1/19/2016
006841725JJK	8/31/2015	8/31/2015	Veolia Technical Solutions, Port Arthur, TX	1	17,980	10/4/2015	1/19/2016
006841726JJK	9/3/2015	9/3/2015	Veolia Technical Solutions, Port Arthur, TX	1	18,425	10/10/2015	1/19/2016
006841729JJK	9/9/2015	9/9/2015	Veolia Technical Solutions, Port Arthur, TX	1	18,815	10/19/2015	1/19/2016
006841734JJK	9/13/2015	9/14/2015	Veolia Technical Solutions, Port Arthur, TX	1	17,944	10/7/2015	1/19/2016
006841735JJK	9/14/2015	9/14/2015	Veolia Technical Solutions, Port Arthur, TX	1	18,525	10/9/2015	1/19/2016
006841763JJK	6/8/2015	11/12/2015	Perma-Fix-DSSI, Kingston, TN	1	8	4/8/2016	4/21/2016
006841786JJK	12/21/2015	12/21/2015	Clean Harbors, LaPorte, TX	1	14,415	12/24/2015	1/7/2016
006841787JJK	12/22/2015	12/22/2015	Clean Harbors, LaPorte, TX	1	13,326	12/27/2015	1/7/2016
006841788JJK	12/29/2015	12/29/2015	Clean Harbors, LaPorte, TX	1	13,834	1/1/2016	1/7/2016
006841789JJK	12/31/2015	12/31/2015	Clean Harbors, LaPorte, TX	1	12,555	1/3/2016	1/7/2016
006841794JJK	4/22/2015	3/23/2016	Perma-Fix-DSSI, Kingston, TN	3	562	7/21/2016	8/2/2016
006841795JJK	6/3/2015	3/28/2016	EnergySolutions, Clive, UT	1	819	5/26/2016	6/14/2016
006841798JJK	4/9/2015	3/28/2016	EnergySolutions, Clive, UT	52	2,734	6/23/2016	7/5/2016
006841802JJK	8/12/2015	5/24/2016	EnergySolutions, Clive, UT	1	57	12/6/2016	12/12/2016
006841805JJK	5/20/2016	5/20/2016	Clean Harbors, LaPorte, TX	1	11,303	5/23/2016	5/25/2016
006841811JJK	12/29/2015	6/30/2016	EnergySolutions, Clive, UT	12	276	8/30/2016	10/7/2016
006841813JJK	1/5/2016	6/30/2016	EnergySolutions, Clive, UT	1	177	10/27/2016	11/30/2016
006841814JJK	2/25/2016	7/19/2016	EnergySolutions, Clive, UT	2	3,960	10/27/2016	11/30/2016
006841819JJK	8/17/2016	8/26/2016	EnergySolutions, Clive, UT	1	4	12/6/2016	12/12/2016
006841824JJK	4/5/2016	10/28/2016	EnergySolutions, Clive, UT	1	317	11/14/2016	11/29/2016
006841825JJK	9/14/2016	10/28/2016	EnergySolutions, Clive, UT	1	233	11/29/2016	12/13/2016
22				88	185,477		

¹This table includes waste that was disposed of in 2015; however, the CDs were not received until 2016. This waste was not included in the 2015 PCB Annual document.

Table 10.8. PCB Wastewater Decontaminated On-Site in 2016

No wastewater was treated in 2016.

Table 10.9. PCB Waste Inventory as of December 31, 2016

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
106744	106744-01	PCB Article	DAMAGED, DISCONNECTED, DE-ENERGIZED, AND DRAINED PCB TRANSFORMER B983126. FORMERLY STAGE AT C-337 U2C3 "B" LOCATION.	11/7/2005	S	34,500	15,649	2304	C-337	C-337	TM
107839	107839-01	PCB Article	DAMAGED, DISCONNECTED, DE-ENERGIZED, AND DRAINED PCB TRANSFORMER RHL-0610. FORMERLY STAGED AT C-337 U2C8 "B" LOCATION.	6/27/2004	S	37,800	17,146	462	C-337	C-337	TM
115919	115919-01	PCB Container	VENTILATION DUCT OIL AND WATER	10/29/2015	L	483	219	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-02	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	441	200	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-03	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	489	222	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-04	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	489	222	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-05	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	463	210	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-06	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	499	226	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-07	PCB Container	VENTILATION DUCT OIL AND WATER	11/18/2015	L	482	219	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-08	PCB Container	VENTILATION DUCT OIL AND WATER	11/19/2015	L	506	230	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-09	PCB Container	VENTILATION DUCT OIL AND WATER	11/30/2015	L	472	214	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-10	PCB Container	VENTILATION DUCT OIL AND WATER	11/30/2015	L	468	212	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-11	PCB Container	VENTILATION DUCT OIL AND WATER	11/30/2015	L	461	209	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-12	PCB Container	VENTILATION DUCT OIL AND WATER	12/1/2015	L	483	219	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-13	PCB Container	VENTILATION DUCT OIL AND WATER	12/15/2015	L	473	215	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-14	PCB Container	VENTILATION DUCT OIL AND WATER	12/28/2015	L	499	226	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-15	PCB Container	VENTILATION DUCT OIL AND WATER	12/28/2015	L	518	235	7.4	C-746-Q	Proc Bldgs	TM

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Table 10.9. PCB Waste Inventory as of December 31, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
115919	115919-16	PCB Container	VENTILATION DUCT OIL AND WATER	12/29/2015	L	501	227	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-17	PCB Container	VENTILATION DUCT OIL AND WATER	12/29/2015	L	515	234	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-18	PCB Container	VENTILATION DUCT OIL AND WATER	12/29/2015	L	497	225	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-19	PCB Container	VENTILATION DUCT OIL AND WATER	12/29/2015	L	497	225	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-20	PCB Container	VENTILATION DUCT OIL AND WATER	12/29/2015	L	467	212	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-21	PCB Container	VENTILATION DUCT OIL AND WATER	12/30/2015	L	488	221	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-22	PCB Container	VENTILATION DUCT OIL AND WATER	12/30/2015	L	470	213	7.4	C-746-Q	Proc Bldgs	TM
115919	115919-23	PCB Container	VENTILATION DUCT OIL AND WATER	12/30/2015	L	506	230	7.4	C-746-Q	Proc Bldgs	TM
119740	119740-01	PCB Container	PCB SOLIDS	4/6/2015	S	*	*	*	C-757	Proc Bldgs	TM
119744	119744-01	PCB Article Container	PCB BALLASTS	3/26/2015	S	200	91	7.4	C-757	Proc Bldgs	TM
119747	119747-01	PCB Article Container	POTENTIAL PCB CONTAMINATED DOOR CLOSERS	6/3/2015	S	363	165	7.4	C-752-A	Proc Bldgs	TM
119802	119802-04	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2015	L	492	223	7.4	C-746-Q	Proc Bldgs	TM
119802	119802-05	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2015	L	468	212	7.4	C-746-Q	Proc Bldgs	TM
119802	119802-06	PCB Container	VENTILATION DUCT OIL AND WATER	7/9/2015	L	473	215	7.4	C-746-Q	Proc Bldgs	TM
119802	119802-07	PCB Container	VENTILATION DUCT OIL AND WATER	7/13/2015	L	458	208	7.4	C-746-Q	Proc Bldgs	TM
119802	119802-08	PCB Container	VENTILATION DUCT OIL AND WATER	7/29/2015	L	473	215	7.4	C-746-Q	Proc Bldgs	TM
119802	119802-09	PCB Container	VENTILATION DUCT OIL AND WATER	7/29/2015	L	480	218	7.4	C-746-Q	Proc Bldgs	TM
119802	119802-10	PCB Container	VENTILATION DUCT OIL AND WATER	7/30/2015	L	462	210	7.4	C-746-Q	Proc Bldgs	TM
119802	119802-11	PCB Container	VENTILATION DUCT OIL AND WATER	9/10/2015	L	482	219	7.4	C-746-Q	Proc Bldgs	TM
119802	119802-12	PCB Container	VENTILATION DUCT OIL AND WATER	10/29/2015	L	487	221	7.4	C-746-Q	Proc Bldgs	TM

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Table 10.9. PCB Waste Inventory as of December 31, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
119845	119845-56	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	4/22/2016	S	*	*	*	C-337	C-337	TM
119845	119845-57	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	4/22/2016	S	*	*	*	C-337	C-337	TM
119845	119845-58	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	4/22/2016	S	*	*	*	C-337	C-337	TM
119845	119845-62	PCB Container	PCB CONTAMINATED SOLIDS (RAGS) GENERATED FROM TRANSFORMER PROJECT	6/2/2016	S	*	*	*	C-752-A	C-337	TM
120306	120306-01	PCB Container	VENTILATION DUCT OIL AND WATER	1/6/2016	L	463	210	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-02	PCB Container	VENTILATION DUCT OIL AND WATER	1/6/2016	L	483	219	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-03	PCB Container	VENTILATION DUCT OIL AND WATER	1/12/2016	L	501	227	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-04	PCB Container	VENTILATION DUCT OIL AND WATER	1/12/2016	L	480	218	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-05	PCB Container	VENTILATION DUCT OIL AND WATER	1/12/2016	L	484	220	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-06	PCB Container	VENTILATION DUCT OIL AND WATER	1/21/2016	L	472	214	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-07	PCB Container	VENTILATION DUCT OIL AND WATER	1/27/2016	L	472	214	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-08	PCB Container	VENTILATION DUCT OIL AND WATER	1/27/2016	L	472	214	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-09	PCB Container	VENTILATION DUCT OIL AND WATER	3/2/2016	L	494	224	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-10	PCB Container	VENTILATION DUCT OIL AND WATER	3/10/2016	L	490	222	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-11	PCB Container	VENTILATION DUCT OIL AND WATER	3/10/2016	L	478	217	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-12	PCB Container	VENTILATION DUCT OIL AND WATER	3/11/2016	L	484	220	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-13	PCB Container	VENTILATION DUCT OIL AND WATER	3/11/2016	L	497	225	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-14	PCB Container	VENTILATION DUCT OIL AND WATER	3/15/2016	L	474	215	7.4	C-746-Q	Proc Bldgs	TM

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Table 10.9. PCB Waste Inventory as of December 31, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
120306	120306-15	PCB Container	VENTILATION DUCT OIL AND WATER	3/17/2016	L	482	219	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-16	PCB Container	VENTILATION DUCT OIL AND WATER	3/23/2016	L	460	209	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-17	PCB Container	VENTILATION DUCT OIL AND WATER	3/31/2016	L	458	208	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-18	PCB Container	VENTILATION DUCT OIL AND WATER	3/31/2016	L	478	217	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-19	PCB Container	VENTILATION DUCT OIL AND WATER	3/31/2016	L	422	191	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-20	PCB Container	VENTILATION DUCT OIL AND WATER	4/13/2016	L	471	214	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-21	PCB Container	VENTILATION DUCT OIL AND WATER	5/4/2016	L	461	209	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-22	PCB Container	VENTILATION DUCT OIL AND WATER	5/4/2016	L	476	216	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-23	PCB Container	VENTILATION DUCT OIL AND WATER	5/11/2016	L	457	207	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-24	PCB Container	VENTILATION DUCT OIL AND WATER	5/12/2016	L	497	225	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-25	PCB Container	VENTILATION DUCT OIL AND WATER	5/17/2016	L	460	209	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-26	PCB Container	VENTILATION DUCT OIL AND WATER	5/17/2016	L	508	230	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-27	PCB Container	VENTILATION DUCT OIL AND WATER	5/17/2016	L	524	238	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-28	PCB Container	VENTILATION DUCT OIL AND WATER	6/1/2016	L	484	220	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-29	PCB Container	VENTILATION DUCT OIL AND WATER	7/5/2016	L	502	228	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-30	PCB Container	VENTILATION DUCT OIL AND WATER	7/5/2016	L	469	213	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-31	PCB Container	VENTILATION DUCT OIL AND WATER	7/5/2016	L	475	215	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-32	PCB Container	VENTILATION DUCT OIL AND WATER	7/5/2016	L	460	209	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-33	PCB Container	VENTILATION DUCT OIL AND WATER	7/5/2016	L	482	219	7.4	C-746-Q	Proc Bldgs	TM
120306	120306-34	PCB Container	VENTILATION DUCT OIL AND WATER	7/6/2016	L	503	228	7.4	C-746-Q	Proc Bldgs	TM

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Table 10.9. PCB Waste Inventory as of December 31, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
120306	120306-35	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2016	L	485	220	7.4	C-746-Q	Proc Bldgs	TM
119803	119803-06	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	3/11/2016	S	167	76	7.4	C-746-Q	Proc Bldgs	TM
119803	119803-07	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	4/19/2016	S	101	46	7.4	C-746-Q	Proc Bldgs	TM
119803	119803-08	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	1/21/2016	S	132	60	7.4	C-746-Q	Proc Bldgs	TM
119803	119803-09	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS	7/11/2016	S	177	80	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-01	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2016	L	464	210	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-02	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2016	L	470	213	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-03	PCB Container	VENTILATION DUCT OIL AND WATER	7/7/2016	L	517	235	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-04	PCB Container	VENTILATION DUCT OIL AND WATER	7/11/2016	L	450	204	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-05	PCB Container	VENTILATION DUCT OIL AND WATER	7/11/2016	L	501	227	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-06	PCB Container	VENTILATION DUCT OIL AND WATER	7/13/2016	L	504	229	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-07	PCB Container	VENTILATION DUCT OIL AND WATER	7/19/2016	L	492	223	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-08	PCB Container	VENTILATION DUCT OIL AND WATER	7/28/2016	L	503	228	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-09	PCB Container	VENTILATION DUCT OIL AND WATER	8/2/2016	L	510	231	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-10	PCB Container	VENTILATION DUCT OIL AND WATER	8/9/2016	L	499	226	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-11	PCB Container	VENTILATION DUCT OIL AND WATER	8/9/2016	L	473	215	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-12	PCB Container	VENTILATION DUCT OIL AND WATER	8/9/2016	L	492	223	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-13	PCB Container	VENTILATION DUCT OIL AND WATER	8/9/2016	L	470	213	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-14	PCB Container	VENTILATION DUCT OIL AND WATER	8/9/2016	L	471	214	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-15	PCB Container	VENTILATION DUCT OIL AND WATER	8/16/2016	L	517	235	7.4	C-746-Q	Proc Bldgs	TM

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Table 10.9. PCB Waste Inventory as of December 31, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
120587	120587-16	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	L	504	229	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-17	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	L	505	229	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-18	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	L	492	223	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-19	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	L	496	225	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-20	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	L	516	234	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-21	PCB Container	VENTILATION DUCT OIL AND WATER	8/17/2016	L	483	219	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-22	PCB Container	VENTILATION DUCT OIL AND WATER	8/18/2016	L	454	206	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-23	PCB Container	VENTILATION DUCT OIL AND WATER	8/24/2016	L	482	219	7.4	C-746-Q	Proc Bldgs	TM
120587	120587-24	PCB Container	VENTILATION DUCT OIL AND WATER	9/8/2016	L	305	138	7.4	C-746-Q	Proc Bldgs	TM
120903	120903-01	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	11/17/2016	L	454	206	7.4	C-337	C-337	TM
120903	120903-02	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	11/30/2016	L	483	219	7.4	C-337	C-337	TM
120903	120903-03	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/6/2016	L	456	207	7.4	C-337	C-337	TM
120903	120903-04	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/6/2016	L	448	203	7.4	C-337	C-337	TM
120903	120903-05	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/19/2016	L	438	199	7.4	C-746-Q	C-337	TM
120903	120903-06	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/19/2016	L	436	198	7.4	C-746-Q	C-337	TM
120903	120903-07	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/19/2016	L	486	220	7.4	C-746-Q	C-337	TM
120903	120903-08	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-337	12/28/2016	L	474	215	7.4	C-746-Q	C-337	TM
120904	120904-01	PCB Container	SPILL CLEANUP FROM VENT DUCT TROUGHS FROM C-337	11/1/2016	S	*	*	*	C-337	C-337	TM
120905	120905-01	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-335	11/30/2016	L	442	200	7.4	C-746-Q	C-335	TM
120905	120905-02	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-335	12/20/2016	L	322	146	7.4	C-746-Q	C-335	TM

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Table 10.9. PCB Waste Inventory as of December 31, 2016 (Continued)

RFD	Waste ID	PCB Item	Description	PCB Date	Physical	Gross Wt (lb)	Gross Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
120907	120907-01	PCB Container	VENTILATION DUCT OIL AND WATER FROM C-333	11/30/2016	L	286	130	7.4	C-746-Q	C-333	TM

*Collection containers not weighed by December 31, 2016.

L = Liquid

RTM = RCRA-TSCA Mixed

RTN = RCRA-TSCA Nonradiological

S = Solid

TM = TSCA Mixed

TN = TSCA Nonradiological

2016 SUMMARY ENDING INVENTORY OF PCB WASTE							
Item Count		lb	kg	ft ³	(lb)	(kg)	(ft ³)
2	Articles	72,300	32,795	2,766			
2	Article Containers	563	256	14			
0	Article Containers—Large Capacitors				0	0	0
0	Article Containers—Electrical Equipment				0	0	0
1	Article Containers—Light Ballasts				200	91	7
1	Article Containers—Misc Equip (motors, pumps)				363	165	7
0	Article Containers—Transformers				0	0	0
0	Article Containers—Small Capacitors (< 3 lb)				0	0	0
112	Containers	49,072	22,259	785			
102	Containers Liquid				48,495	21,998	755
10	16848 Containers Solid				577	261	30
116	TOTAL	121,935	55,310	3,565			

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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 Fluor Federal Services, Inc., Paducah Deactivation Project personnel in the waste disposition functional group, which includes a record of phone calls or other agreed 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 Log

Shipment ID #	Actual Ship Date	Shipment Destination	UHMW #	Comments/Notes	Date Manifest Received	TSCA	Confirmation E-mail Received from Clive
DSSI-16-031	3/23/2016	Diversified Scientific Services, Inc. (DSSI)-TN	006841794JJK	(26) Drums of Non-DOT Regulated Waste, (3) Drums of PCB Waste, (4) Drums of RCRA Waste	3/24/2016	RT	Received delivery confirmation via e-mail from Josh Norman on 3/24/2016
9701-02-0013	3/28/2016	EnergySolutions (ES)-Clive	006841795JJK	(1) ST-90 Mixed/PCB Waste (RFD# 120344-01)	4/25/2016	RT	Received delivery confirmation via e-mail from Albert Evans on 3/31/2016
7307-15-0002	3/28/2016	ES-Clive	006841798JJK	(10) Drums of PCB/LLW, (42) Drums of PCB Waste	4/25/2016	T	Received delivery confirmation via e-mail from Albert Evans on 3/31/2016
9701-15-0007	4/28/2016	ES-Clive	006841802JJK	(1) Drum of PCB Waste, RFD#119845-10	5/26/2016	T	Received delivery confirmation via e-mail from Albert Evans on 3/31/2016
FLR16-HSPCB-055	5/20/2016	Clean Harbors (CH)-LaPorte, TX	006841805JJK	(1) Tanker of PCB Transformer Oil RFD# 119880-61	5/24/2016	T	Received delivery confirmation via e-mail from Albert Evans on 5/23/2016
02620	6/29/2016	Perma-Fix Gainesville, FL	006841810JJK	of PCB/RCRA Mixed, (2) Drum of RCRA Waste, (1) Drum of RCRA/TSCA Waste, (1) ST-90 of Non-DOT Waste	7/11/2016	RT	Received delivery confirmation via phone call from Josh Norman on 7/5/2016
9701-21-0014	6/30/2016	ES-Clive	006841813JJK	(1) Drum of PCB/LLW	7/8/2016	T	Received delivery confirmation via e-mail from Jake Gardner on 7/8/2016
9701-17-0001	6/30/2016	ES-Clive	006841811JJK	(12) Drums of PCB Waste	7/8/2016	T	Received delivery confirmation via e-mail from Jake Gardner on 7/8/2016
9701-21-0015	7/19/2016	ES-Clive	006841814JJK	(1) ST-90 of LLW/PCB Remediation Debris and (1) Excepted Packaged Motor (Scrap Equipment)	7/25/2016	T	Received delivery confirmation via e-mail from Albert Jones on 7/22/2016
02623	8/19/2016	Perma-Fix Gainesville, FL	006841816JJK	(1) Drum of RCRA liquid, (1) Drum PCB/RCRA Mixed Liquid Lab Residuals & (1) drum of PCB/RCRA Mixed Solid Lab Residuals	8/29/2016	RT	Received delivery confirmation via e-mail from Josh Norman on 8/22/2016
9701-15-0008	8/26/2016	ES-Clive	006841819JJK	(3) Drums of Contaminated Chemical Waste, (1) Drum of Contaminated Chemical Waste with PCBs	9/1/2016	RT	Received delivery confirmation via e-mail from Tom Wright on 8/29/2016
DSSI-16-112	10/27/2016	DSSI-TN	006841822JJK	(5) Drums of LLW/RCRA/PCB	10/27/2016	RT	Received delivery confirmation via e-mail from Josh Norman on 10/27/2016
9701-02-0015	10/28/2016	ES-Clive	006841824JJK	(1) ST-90 of LLW/RCRA/PCB-Macro	11/7/2016	RT	Received delivery confirmation via phone call from Tom Wright on 11/1/2016

Table 11.1. PCB Waste Shipment Log (Continued)

Shipment ID #	Actual Ship Date	Shipment Destination	UHMW #	Comments/Notes	Date Manifest Received	TSCA	Confirmation E-mail Received from Clive
7307-03-0002	10/28/2016	ES-Clive	006841825JJK	(1) ST-90 of LLW/RCRA/PCB	11/7/2016	RT	Received delivery confirmation via phone call from Tom Wright on 11/1/2016
9701-24-0003	10/28/2016	ES-Clive	006841826JJK	(2) Totes of LLW/RCRA/PCB	11/7/2016	RT	Received delivery confirmation via phone call from Tom Wright on 11/1/2016

R = RCRA
T = TSCA

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APPENDIX A

PCB TRANSFORMER MAINTENANCE RECORDS

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PCB TRANSFORMER MAINTENANCE RECORDS

REF. 40 *CFR* § 761.30(a)(1)(xii)

No maintenance was performed on PCB transformers in CY 2016; therefore, no maintenance records are available.

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APPENDIX B

PCB TRANSFORMER INSPECTION RECORDS

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PCB TRANSFORMER INSPECTION RECORDS

REF. 40 *CFR* § 761.30(a)(1)(xii)

No PCB transformers were in service as of December 31, 2015; therefore, there are no required inspection records.

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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 Fluor Federal Services, Inc., Paducah Deactivation Project laboratory during 2016.

**Table C.1. Laboratory 2016 Standards Inventory
2016 Standards Inventory
C-709**

Chemical Name	Vendor Name	Initial Inventory for 2016	Amount Received	Amount Consumed or Disposed of	Final Inventory for 2016
Aroclor 1016	Chem Services	5 ml. ampul	5 ml.	0 ml.	5 ml.
	Restek	1 ml. ampul	2 ml.	0 ml.	2 ml.
Aroclor 1221	Chem Services	5 ml. ampul	5 ml.	0 ml.	5 ml.
	Restek	1 ml. ampul	3 ml.	0 ml.	3 ml.
Aroclor 1232	Chem Services	5 ml. ampul	5 ml.	0 ml.	5 ml.
	Restek	1 ml. ampul	4 ml.	0 ml.	4 ml.
Aroclor 1242	Chem Services	5 ml. ampul	5 ml.	0 ml.	5 ml.
	Restek	1 ml. ampul	3 ml.	0 ml.	3 ml.
Aroclor 1248	Chem Services	5 ml. ampul	5 ml.	0 ml.	5 ml.
	Restek	1 ml. ampul	4 ml.	0 ml.	4 ml.
Aroclor 1254	Chem Services	5 ml. ampul	5 ml.	0 ml.	5 ml.
	Restek	1 ml. ampul	4 ml.	0 ml.	4 ml.
Aroclor 1260	Chem Services	5 ml. ampul	5 ml.	0 ml.	5 ml.
	Restek	1 ml. ampul	2 ml.	0 ml.	2 ml.
Aroclor 1268	Chem Services	5 ml. ampul	5 ml.	0 ml.	5 ml.
	Restek	1 ml. ampul	2 ml.	0 ml.	2 ml.
Aroclor 1016/1260 Mix	Restek	1 ml. ampul	1 ml.	0 ml.	1 ml.
Aroclor 1242	Supelco	1 ml. ampul	3 ml.	0 ml.	3 ml.
Decachlorobiphenl (DCB)	Chem Services	5 ml. ampul	5 ml.	0 ml.	5 ml.
	Restek	5 ml. ampul	10 ml.	0 ml.	10 ml.
Surrogate Mix - 8080	Chem Services	5 ml. ampul	5 ml.	0 ml.	5 ml.

Notes:

Aroclor 1242 (Supelco) was added to the inventory for 2016

2,4,5,6-tetrachloro-m-Xylene (TCMX) was removed from the list because it is not PCB

Di-n-propylphthalate was removed from the list because it is not PCB