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June 21, 2021

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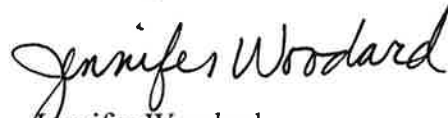
Dear Ms. Leff, Ms. Doster, and Ms. Crosby-Vega:

**TRANSMITTAL OF THE URANIUM ENRICHMENT TOXIC SUBSTANCES
CONTROL ACT COMPLIANCE AGREEMENT 2020 ANNUAL COMPLIANCE
AGREEMENT REPORT JANUARY 1 THROUGH DECEMBER 31, 2020, FOR THE
PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY,
FRNP-RPT-0187**

Please find enclosed the subject report for the U.S. Department of Energy Paducah Site. This annual report is required under the Toxic Substances Control Act (TSCA) Compliance Agreement (CA), as modified on May 30, 2017. This report documents progress on TSCA CA activities at Paducah, Kentucky, for the period from January 1, 2020, through December 31, 2020.

If you have any questions or require additional information, please contact Tracey Duncan at (270) 441-6682.

Sincerely,



Jennifer Woodard
Paducah Site Lead
Portsmouth/Paducah Project Office

Enclosure:

Uranium Enrichment Toxic Substances Control Act Compliance Agreement 2020 Annual Compliance Agreement Report January 1 through December 31, 2020 for the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, 2020, FRNP-RPT-0187

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**Uranium Enrichment Toxic Substances Control Act
Compliance Agreement
2020 Annual Compliance Agreement Report
January 1 through December 31, 2020,
for the Paducah Gaseous Diffusion Plant,
Paducah, Kentucky**



This document is approved for public release per review by:

jackie thompson
FRNP Classification Support

06-16-2021
Date

**Uranium Enrichment Toxic Substances Control Act
Compliance Agreement
2020 Annual Compliance Agreement Report,
January 1 through December 31, 2020,
for the Paducah Gaseous Diffusion Plant,
Paducah, Kentucky**

Date Issued—June 2021

U.S. DEPARTMENT OF ENERGY
Office of Environmental Management

Prepared by
FOUR RIVERS NUCLEAR PARTNERSHIP, LLC,
Managing the
Deactivation and Remediation Project at the
Paducah Gaseous Diffusion Plant
under Contract No. DE-EM0004895

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PREFACE

The U.S. Department of Energy (DOE) and the U.S. Environmental Protection Agency entered into the Toxic Substances Control Act (TSCA) Compliance Agreement (CA) to address TSCA compliance at the Paducah, Portsmouth, and Oak Ridge uranium enrichment (UE) facilities. This agreement, signed on February 20, 1992, was intended to bring DOE's UE facilities into full compliance with the TSCA regulations for the management of polychlorinated biphenyls (PCBs). This agreement was modified on September 25, 1997, and modified again on May 30, 2017. At the Paducah facility, the TSCA CA addresses the following:

- Troughing of ventilation duct gaskets;
- Investigation of historic PCB disposal sites;
- Use and removal of leaking potential PCB devices;
- Sampling of air;
- Process lubrication oil;
- Process lubrication oil removal;
- Spill cleanup;
- Storage of PCB waste;
- Building demolition wastes;
- PCB-contaminated slabs;
- Processing of PCB-contaminated demolition material;
- Nonradioactive PCBs and PCB items storage and disposal;
- Co-contaminated, radioactive PCBs and PCB items storage and disposal;
- Ensurance of worker safety measures; and
- Hydraulic systems at the Paducah Gaseous Diffusion Plant.

This Annual CA Report summarizes TSCA CA activities that occurred at the Paducah facility from January 1, 2020, through December 31, 2020.

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ACRONYMS

CA	compliance agreement
CD	certificate of disposal
<i>CFR</i>	<i>Code of Federal Regulations</i>
CY	calendar year
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
FY	fiscal year
MOA	memorandum of agreement
OSWDF	on-site waste disposal facility
TSCA	Toxic Substances Control Act
UE	uranium enrichment

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EXECUTIVE SUMMARY

This Annual Compliance Agreement (CA) Report summarizes the Toxic Substances Control Act (TSCA) CA activities that occurred at the Paducah facility from January 1 through December 31, 2020.

During calendar year 2020, the Paducah facility continued to address the ongoing elements identified in the TSCA CA, as required by the modified agreement.

The TSCA CA requires the Paducah facility to conduct the interim measure of performing annual air sampling, as required by Attachment 1, Section 1 (D), Air Sampling.

The TSCA CA modification, signed on May 30, 2017, requires annual polychlorinated biphenyl (PCB) air sampling. The annual air sampling event took place during July, in accordance with the TSCA CA Attachment I, Section 1, Interim Measures, (D) Air Sampling. Results for the annual event did not exceed the TSCA CA reporting level of 0.5 $\mu\text{g}/\text{m}^3$.

The TSCA CA also includes the following open compliance measures:

- Section 2 (C)—Spill Cleanup
- Section 2 (D)—Storage for Disposal
- Section 2 (E-1)—Building Demolition Wastes
- Section 2 (E-2)—PCB-contaminated Slabs
- Section 2 (E-3)—Processing for the On-Site Waste Disposal Facility
- Section 2 (F)—Other Wastes
 - Nonradioactive PCBs and PCB items
 - Co-contaminated and Radioactive PCBs and PCB items

One PCB gasket spill was cleaned and closed in accordance with the standards set forth in the TSCA CA Attachment I, Section 2, Compliance Measures, (C) Spill Cleanup. One non-gasket spill was closed as a historic spill, in accordance with measures proposed and accepted at previous TSCA Federal Facility Compliance Act Annual Meetings.

The Paducah facility made zero shipments of TSCA-regulated PCB/nonradioactive waste. The Paducah facility shipped for disposal a net weight of approximately 862,574 kg of TSCA-regulated PCB/radioactive waste on seventy-six Uniform Hazardous Waste Manifests. Twenty-five Certificates of Disposal were received in 2020.

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INTEGRATED SCHEDULE SUMMARY

In accordance with paragraph 36 of the Toxic Substances Control Act (TSCA) Compliance Agreement (CA), an annual update on the status of each item on the Integrated Schedule is provided. The Integrated Schedule for fiscal year (FY) 2020, submitted in July 2019, included four ongoing activities, and six activities are scheduled to begin work in the future.

Section 1 (D), Air Sampling, is an ongoing effort and work scheduled for calendar year (CY) 2020 was completed (see Section 1.1).

Section 2 (C), Spill Cleanups, is an ongoing effort and work scheduled for CY 2020 was completed (see Section 2.1).

Section 2 (E-1), Building Demolition Waste, is an ongoing effort, however, there were no scheduled activities related to this item during CY 2020.

Section 2 (E-2), polychlorinated biphenyl (PCB)-contaminated slab management/demolition, is an ongoing effort at the Paducah Site. Currently, there are two PCB-contaminated slabs managed on-site; scheduled activities regarding these slabs were completed for CY 2020 (see Section 2.2.2).

The following six activities also are included in the Integrated Schedule.

- (1) No decision has been made for the Paducah facility regarding the on-site waste disposal facility (OSWDF); therefore, there were no scheduled activities related to the design phase of the potential OSWDF. Currently, work associated with this item is scheduled beyond FY 2024.
- (2) No decision has been made for the Paducah facility regarding the OSWDF; therefore, there were no scheduled activities related to the construction phase for the first cell of the potential OSWDF during CY 2020. Currently, work associated with this item is scheduled beyond FY 2024.
- (3) The waste staging and processing/resizing operations have not been determined to be necessary for the Paducah facility; therefore, there were no scheduled activities related to the design phase during the CY 2020. Currently, work associated with this item is scheduled beyond FY 2024.
- (4) The waste staging and processing/resizing operations have not been determined to be necessary for the Paducah facility; therefore, there were no scheduled activities related to the construction phase during the CY 2020. Currently, work associated with this item is scheduled beyond FY 2024.
- (5) None of the buildings listed in paragraph 11 of the TSCA CA had any demolition activities associated with them during CY 2020. The C-400 Complex demolition that was slated to start in November 2018 was delayed due to regulatory disputes under the Federal Facility Agreement. A Memorandum of Agreement (MOA) was issued in August 2019 concerning the C-400 Complex demolition regulatory disputes. The MOA allowed the C-400 Complex Remedial Investigation/Feasibility Study project to begin; however, the current schedule for initiating demolition activities extends beyond FY 2024. Currently, work associated with other buildings related to this item is scheduled beyond FY 2024.
- (6) During CY 2020, no PCB-contaminated slab demolition was scheduled. Currently, work associated with this item is scheduled beyond FY 2024.

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1. INTERIM MEASURES

AIR SAMPLING

Both the original Uranium Enrichment Toxic Substances Control Act (TSCA) Compliance Agreement (CA) and the TSCA CA modification signed on May 30, 2017, require polychlorinated biphenyl (PCB) air sampling to be conducted in process buildings with motor exhaust duct ventilation systems. These buildings include the C-331, C-333, C-335, and C-337 process buildings at the Paducah facility.

The TSCA CA modification signed on May 30, 2017, requires two samples per process building to be taken once annually anytime during the months of June, July, and August. For each annual air monitoring activity in a building, there will be a best engineering judgment-selected site and a randomly selected site. The results for the 2020 PCB air sampling event are shown in Table 1.

The U.S. Department of Energy (DOE) is required to report to the U.S. Environmental Protection Agency (EPA) any PCB concentrations greater than $0.5 \mu\text{g}/\text{m}^3$ measured from any air-monitoring sampler at any location.

The sampling was conducted as described in the National Institute for Occupational Safety and Health 5503. The volumes and flow rates, as noted, were necessary to achieve the detection limit required by the TSCA CA.

2. COMPLIANCE MEASURES

2.1 SPILL CLEANUP

The TSCA CA requires that PCB spills and PCB-contaminated oil that may leak onto building floors be cleaned in accordance with the EPA PCB Spill Cleanup Policy in 40 *CFR* Part 761, Subpart G. Reports documenting PCB spills and PCB spill cleanup measures are required to be prepared each quarter and are summarized in this Annual CA Report. Record copies of cleanup documentation are kept on-site and are available for inspection.

The TSCA CA allows historic spills, those that occurred before March 19, 1992, to be left in place until demolition of the facility. PCB high-concentration gasket spills (i.e., from a source of 500 ppm or greater in PCB concentration) that occurred on building floors after March 19, 1992, shall be verified closed, in accordance with the requirements of the TSCA CA.

The following is a summary of PCB gasket spill activities for calendar year (CY) 2020:

- Remaining PCB gasket spill sites awaiting verification of successful cleaning as of December 31, 2019—5
- Number of new PCB gasket spill sites identified during reporting period—2
- Number of PCB gasket spill sites closed during reporting period—1

Table 1. PCB Air Results Annual CY 2020

Calendar Year	Sample Numbers	Sample Date	Building	Floor	Sample Location	Method of Selection	Results (µg/m ³) ^a	Qualifier ^b	Pump Flow Rate (liters/minute)	Air Volume Sampled (liters)
2020	PCB20-AIR-01-01	7/27/2020	C-331	GROUND	W of N-20	RANDOM	0.120		1.03	502
2020	PCB20-AIR-01-02	7/27/2020	C-331	GROUND	SW of Y-9	BEJ	0.020	U	1.05	508
2020	PCB20-AIR-01-03	7/27/2020	C-333	GROUND	SW of E-2	RANDOM	0.020	U	1.04	508
2020	PCB20-AIR-01-04	7/27/2020	C-333	GROUND	N of Ma-15	BEJ	0.020	U	1.08	532
2020	PCB20-AIR-01-05	7/27/2020	C-335	GROUND	SE of BB-6	RANDOM	0.020	U	1.04	519
2020	PCB20-AIR-01-06	7/27/2020	C-335	CELL	SE of J-32	BEJ	0.020	U	1.05	513
2020	PCB20-AIR-01-07	7/27/2020	C-337	CELL	E of Cb-42	RANDOM	0.020	U	1.05	518
2020	PCB20-AIR-01-08R	7/28/2020	C-337	GROUND	At X-47	BEJ	0.020	U	0.97	475

^a The action level for reporting to the EPA is 0.5 µg/m³.

^b U - Compound analyzed for but not detected at or below the lowest concentration reported.

- Remaining PCB gasket spill sites awaiting verification of successful cleaning as of December 31, 2020—6
- Number of PCB gasket spill sites closed as a historic spill—0

A quarterly breakdown of PCB gasket spill information can be found in Figure 1.

The following is a summary of PCB non-gasket spill activities for CY 2020:

- Remaining PCB non-gasket spill sites awaiting verification of successful cleaning as of December 31, 2019—12
- Number of new PCB non-gasket spill sites identified during reporting period—0
- Number of PCB non-gasket spill sites closed during reporting period—1
- Remaining PCB non-gasket spill sites awaiting verification of successful cleaning as of December 31, 2020—11
- Number of PCB non-gasket spill sites closed as a historic spill—1

A quarterly breakdown of PCB non-gasket spill information can be found in Figure 2.

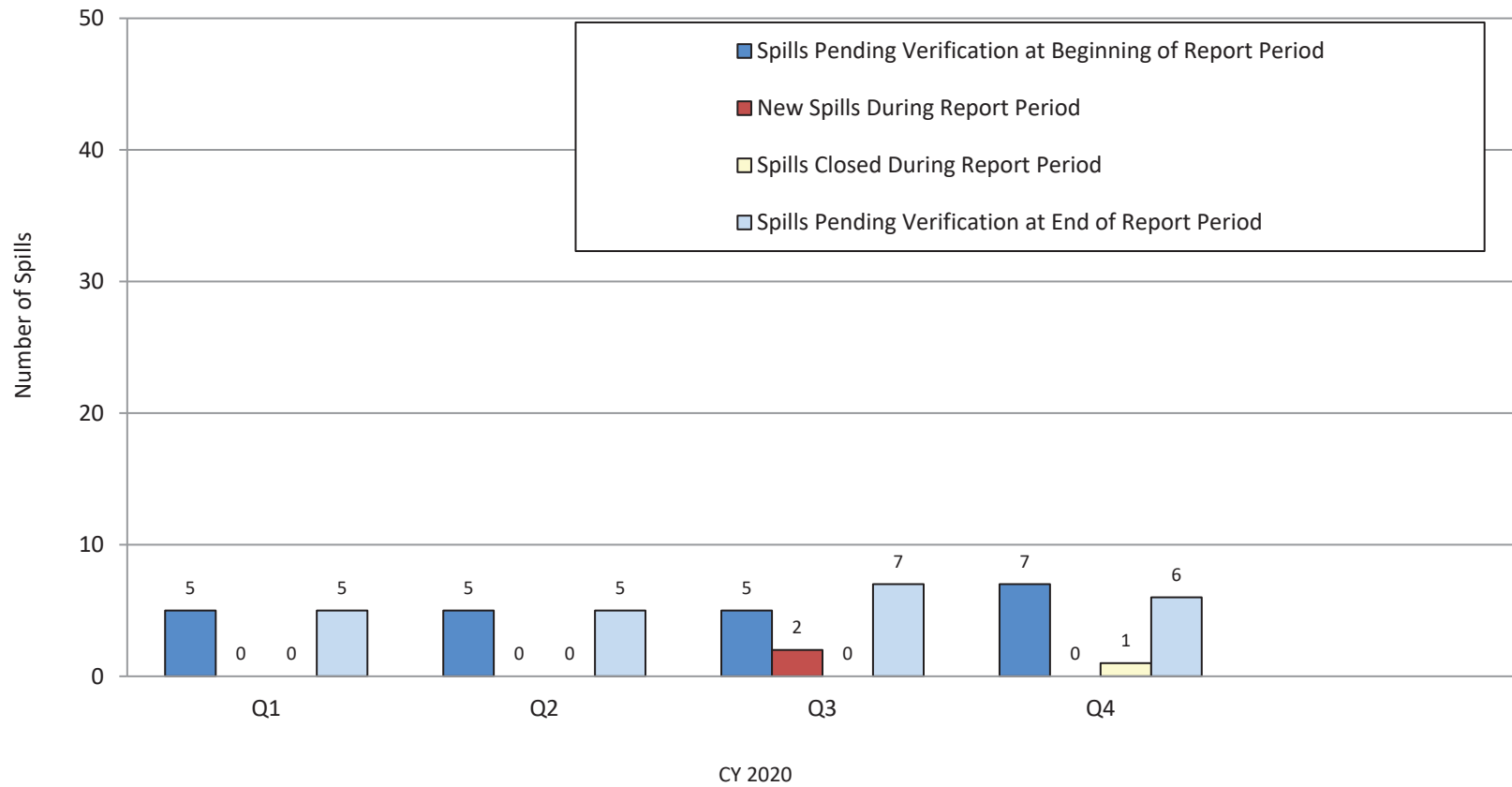
All PCB gasket and non-gasket spills identified were high concentration PCB spills (i.e., from a source of 500 ppm or greater in PCB concentration). Cleanup of each identified spill site was initiated within 24 hours, in accordance with the TSCA CA. Clearly visible signs have been posted at each spill site advising personnel to avoid the area in order to minimize the spread of contamination and the potential for human exposure. The cleanup documentation and records are available for inspection.

2.2 BUILDING DEMOLITION

2.2.1 Building Demolition Wastes

The TSCA CA requires building demolition waste comprised of PCBs or PCB items (as defined in 40 *CFR* § 761.3) to be managed and disposed of as directed in 40 *CFR* § 761.50. In particular, building demolition waste comprised of PCB-contaminated ventilation ducts, gaskets, flanges, piping, or other materials containing PCBs as a result of a spill, release, or other unauthorized disposal shall be managed and disposed of as PCB remediation waste in accordance with 40 *CFR* § 761.61. During the CY 2020, no building demolition waste containing PCB waste, PCB items, or PCB remediation waste were generated.

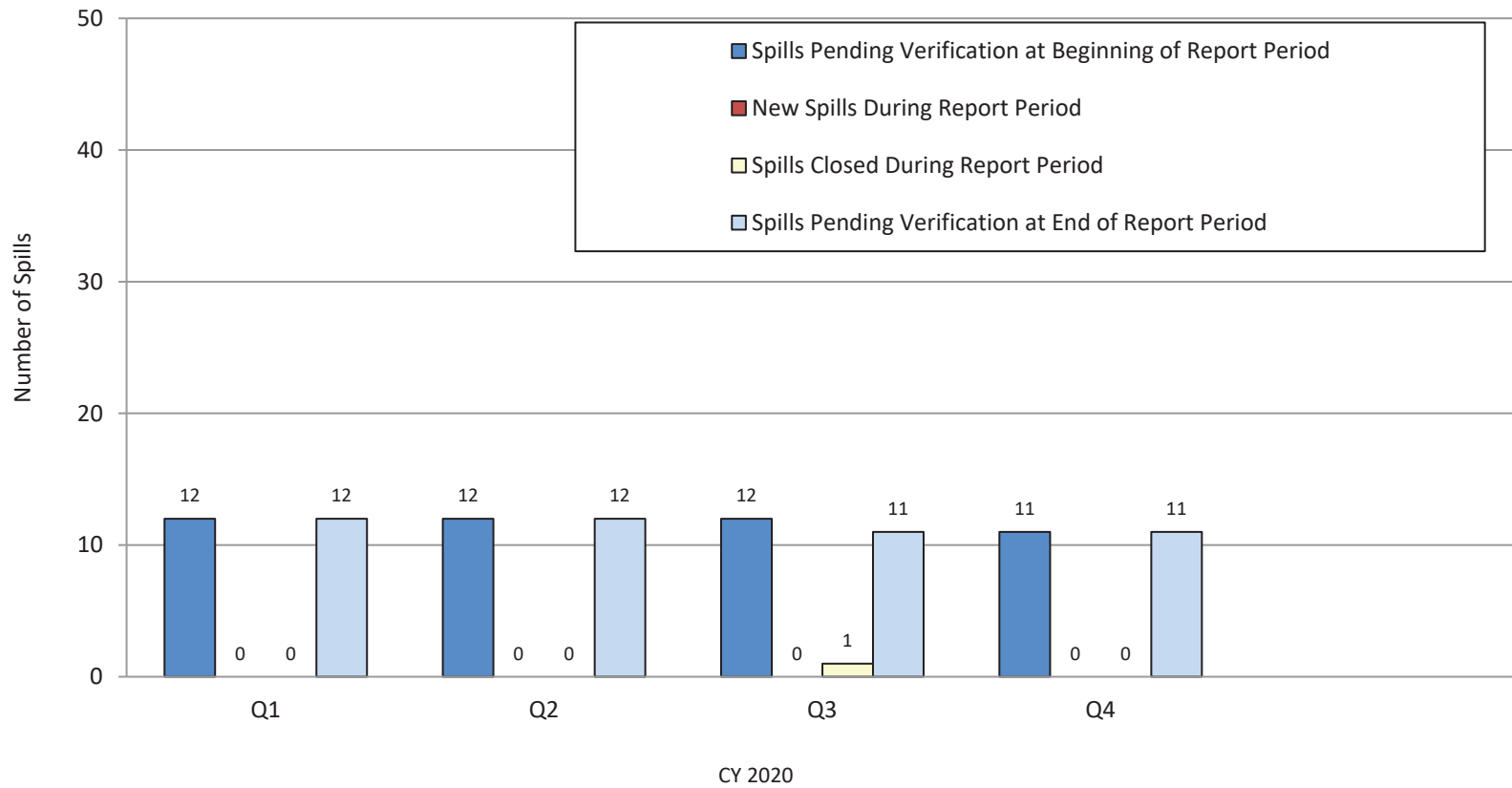
PCB Gasket Spills
January 1 through December 31, 2020



Note: All PCB gasket spills are high concentration.

Figure 1. Quarterly Summary of PCB Gasket Spills

PCB Non-Gasket Spills
January 1 through December 31, 2020



Note: All PCB non-gasket spills are from high concentration sources.

Figure 2. Quarterly Summary of PCB Non-Gasket Spills

2.2.2 PCB-Contaminated Slabs

The TSCA CA requires that PCB-contaminated slabs from buildings listed in paragraph 11 of the agreement shall be maintained according to the requirements of 40 *CFR* § 761.30, except that historical spills, as defined in Section 2 (C), shall be maintained in accordance with Section 2 (C). The previous demolition of the buildings associated with the C-340-A Powder Building, C-340-B Metals Building, C-340-C Slag Building, C-410 Feed Plant, C-410-A Hydrogen Holder (slab only), C-410-C HF Neutralization Building, C-410-F HF Storage Building (north), C-410-G HF Storage Building (center), C-410-H HF Storage (south), C-410-I Ash Receiver Shelter, C-410-J HF Storage Building (east), C-411 Cell Maintenance Building, and C-420 Green Salt Building did result in PCB-contaminated slabs. The slabs were double washed and rinsed, and two contrasting colors of epoxy fixative were applied. The documentation of these actions can be found in the documents DOE/LX/07-1286&D1, *Removal Action Report for the C-340 Metals Reduction Plant at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, for C-340 and DOE/LX/07-2182&D1, *Removal Action Report for the C-410 Complex Infrastructure Decontamination and Decommissioning Project at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, for the C-410 complex. During CY 2020 routine inspections/radiological surveys of the C-340 and C-410 slabs, loose fixative was discovered. Maintenance activities were initiated to remove the loose fixative and reseal the slabs. The areas were resealed with two contrasting colors of epoxy fixative. The loose fixative material was containerized as radioactively-contaminated PCB waste following removal. No discharges or releases of PCB-contaminated material were detected or reported for the associated slabs for CY 2020.

2.2.3 Processing of PCB-Contaminated Demolition Material for On-Site Waste Disposal

The TSCA CA requires the processing of any PCB-contaminated demolition material before disposal in the on-site waste disposal facility (OSWDF) must be in compliance with 40 *CFR* § 761.20(c). The requirements of this section are not applicable at this time because the OSWDF has not been constructed.

2.3 OTHER WASTES

2.3.1 Nonradioactive PCBs and PCB Items

The TSCA CA requires an annual progress update on the storage and disposal of nonradioactive PCBs and PCB items. At the Paducah facility, PCB waste generated on-site is assumed to contain a radioactive component. After radiological characterization for disposal, Paducah nonradiological PCB waste is stored in accordance with the requirements of the TSCA CA, Attachment I, Section 2(D), Storage; 40 *CFR* § 761.65, *Storage for Disposal*; and associated concurrences. There were no nonradioactive PCBs or PCB items in the inventory, as of December 31, 2020. Nonradioactively contaminated PCBs and PCB items are shipped for disposal to commercial facilities. During CY 2020, no non-radioactive PCBs or PCB items were shipped off-site for disposal.

2.3.2 Co-contaminated, Radioactive PCBs and PCB Items

The TSCA CA requires an annual progress update on the storage and disposal of co-contaminated, radioactive PCB and PCB items. At the Paducah facility, all PCB waste generated on-site is assumed to contain a radioactive component. Pending radiological characterization for disposal, Paducah radiological PCB waste is stored in accordance with the requirements of the TSCA CA, Attachment I, Section 2(D), Storage; 40 *CFR* § 761.65, *Storage for Disposal*; and associated concurrences. The inventory, as of December 31, 2020, of radiologically contaminated PCBs and PCB items is reflected in Table 2. Radioactive PCBs and PCB items stored in TSCA-compliant storage areas may be stored for more than one year prior to disposal, pursuant to 40 *CFR* § 761.65(a)(1). Two radioactive PCB waste items did exceed

Table 2. PCB Waste Inventory as of December 31, 2020

Waste ID	Description	Earliest Date Removed from Service	Physical	Gross Wt (lb)	Gross Wt (kg)	Net Wt (lb)	Net Wt (kg)	Gross Vol (ft ³)	Current Facility	Source	Waste Cat
106744-01	DAMAGED, DISCONNECTED, DE-ENERGIZED, AND DRAINED PCB TRANSFORMER B983126. FORMERLY STAGED AT C-337 U2C3 "B" LOCATION.	11/7/2005	S	34,500	15,649	34,500	15,649	2,304	C-337	C-337	TSCA Mixed (TM)
107839-01	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	37,800	17,146	462	C-337	C-337	TM
121998-03	SPILL CLEANUP DEBRIS/ENCAPSULATION WASTE FROM VENT DUCT TROUGHS/PCB SPILL SITE ENCAPSULATION ACTIVITIES	3/16/2020	S	126	57	70	32	7	C-752-A	C-337	TM
121998-04	SPILL CLEANUP DEBRIS/ENCAPSULATION WASTE FROM VENT DUCT TROUGHS/PCB SPILL SITE ENCAPSULATION ACTIVITIES	9/21/2020	S	168	76	112	51	7	C-752-A	C-337	TM
121998-05	SPILL CLEANUP DEBRIS/ENCAPSULATION WASTE FROM VENT DUCT TROUGHS/PCB SPILL SITE ENCAPSULATION ACTIVITIES	11/5/2020	S	142	64	86	39	7	C-752-A	C-337	TM
121999-02	PCB VENTILATION DUCT LIQUIDS FROM VENTILATION TROUGHS IN PROCESS BUILDINGS	7/2/2020	L	484	220	428	194	7	C-752-A	C-337	TM
121999-03	PCB VENTILATION DUCT LIQUIDS FROM VENTILATION TROUGHS IN PROCESS BUILDINGS	8/11/2020	L	488	221	432	196	7	C-752-A	C-337	TM
121999-04	PCB VENTILATION DUCT LIQUIDS FROM VENTILATION TROUGHS IN PROCESS BUILDINGS	9/29/2020	L	500	227	444	201	7	C-752-A	C-337	TM
121999-05	PCB VENTILATION DUCT LIQUIDS FROM VENTILATION TROUGHS IN PROCESS BUILDINGS	10/29/2020	L	506	230	450	204	7	C-752-A	C-337	TM
122023-69	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	11/4/2020	S	28,420	12,891	20,920	9,489	686	C-752-A	C-400	RCRA/TSCA Mixed (RTM)
122023-70	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	11/4/2020	S	19,740	8,954	12,240	5,552	686	C-752-A	C-400	RTM
122023-71	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	11/4/2020	S	13,040	5,915	5,150	2,336	686	C-752-A	C-400	RTM
122043-01 ^a	ENVIRONMENTAL MEDIA/DEBRIS (CONCRETE CORES)	12/16/2020	S	1,430	649	199	90	93	C-752-A	C-400	RTM
122106-01 ^a	PCB LIGHT BALLASTS/TRANSFORMERS/CAPACITORS	7/15/2020	S	51	23	21	10	4	C-757	Various	TM
122128-01	POTENTIALLY PCB CONTAMINATED PPE & PLASTIC	8/12/2020	S	12	5	3	1	1	C-752-A	C-333	TM
122143-01	POSSIBLE PCB CONTAMINATED FILTER MEDIA	8/17/2020	S	902	409	97	44	93	C-752-A	C-333	TM
122179-01	EPOXY PAINT CHIPS, VEGETATION & PPE AT BOTH C-340 AND C-410	10/16/2020	S	2,102	953	1,298	589	90	C-752-A	Various	TM
122193-01	EPOXY PAINT CHIPS, VEGETATION AND PPE	11/6/2020	S	1,944	882	1,140	517	90	C-752-A	C-410	TM
122193-02	EPOXY PAINT CHIPS, VEGETATION AND PPE	11/13/2020	S	3,062	1,389	2,258	1,024	90	C-752-A	C-410	TM
122193-03	EPOXY PAINT CHIPS, VEGETATION AND PPE	11/20/2020	S	1,686	765	882	400	90	C-752-A	C-410	TM

20	Total Containers	Totals^b		147,103	66,725	118,530	53,764	5,427			
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^aIndicates a collection container still in use. Weight is estimated.

^bDue to rounding, the weight totals may vary.

the one-year storage limitation. A summation of the records documenting the efforts to secure disposal of these items can be found in the Appendix.

Radioactively contaminated PCBs and PCB items are shipped for disposal to DOE-owned facilities, Nuclear Regulatory Commission-licensed facilities, or facilities that have received authorized limits approval from DOE and the facility's host state. During CY 2020, 102 co-contaminated, radioactive PCBs or PCB items with a net weight of approximately 862,574 kg were shipped off-site for disposal on seventy-six hazardous waste manifests.

During CY 2020, no Certificates of Disposal (CDs) were received for nonradioactive PCBs or PCB waste items. Also, during CY 2020, twenty-five CDs were received for PCB/radioactive waste that had been disposed of, representing a total net weight of 836,096 kg of radiologically contaminated PCBs and PCB items. The PCB waste off-site shipping and disposal information for this reporting period is shown in Table 3. Waste generated as a result of site cleanup and operations is included in this report, including Comprehensive, Environmental Response, Compensation, and Liability Act waste, which is provided for information only and is intended to show progress toward the removal of PCBs at the Paducah facility.

Table 3. PCB Waste Disposal Activities Shipped Off-site and/or Disposed of for CY 2020

Waste ID	Description	Gross Wt (lb)	Gross Wt (kg)	Net Wt (lb)	Net Wt (kg)	Earliest Date Removed from Service	Date Shipped	Manifest	Shipment No	Disposal Location	Disposal Method	Disposal Date	CoD Rec'd
121255-03	PCB SIGHT GLASS LUBE OIL	290	132	234	106	4/3/2019	3/16/2020	019694870JJK	9750-09-0010	EnergySolutions, Clive, UT	Landfill	11/24/2020	12/4/2020
121423-07	VENTILATION DUCT OIL AND WATER	496	225	440	200	5/9/2019	3/16/2020	019694871JJK	9750-04-0005	EnergySolutions, Clive, UT	Landfill	12/31/2020	1/5/2021
121423-08	VENTILATION DUCT OIL AND WATER	500	227	444	201	6/24/2019	3/16/2020	019694871JJK	9750-04-0005	EnergySolutions, Clive, UT	Landfill	12/31/2020	1/5/2021
121423-09	VENTILATION DUCT OIL AND WATER	492	223	436	198	8/20/2019	3/16/2020	019694871JJK	9750-04-0005	EnergySolutions, Clive, UT	Landfill	12/31/2020	1/5/2021
121423-10	VENTILATION DUCT OIL AND WATER	476	216	420	191	10/30/2019	3/16/2020	019694871JJK	9750-04-0005	EnergySolutions, Clive, UT	Landfill	12/31/2020	1/5/2021
121423-11	VENTILATION DUCT OIL AND WATER	492	223	436	198	12/2/2019	3/16/2020	019694871JJK	9750-04-0005	EnergySolutions, Clive, UT	Landfill	12/31/2020	1/5/2021
121424-11	RAG, PANS, PLASTIC, PADS, PPE	204	93	148	67	6/4/2019	4/14/2020	019694843JJK	7340-08-0006	EnergySolutions, Clive, UT	Landfill	4/27/2020	5/29/2020
121424-12	SPILL CLEANUP DEBRIS FROM VENT DUCT TROUGHS	206	93	150	68	7/24/2019	6/29/2020	019694866JJK	7340-08-0007	EnergySolutions, Clive, UT	Landfill	7/21/2020	7/29/2020
121424-13	SPILL CLEANUP DEBRIS FROM VENT DUCT TROUGHS	242	110	186	84	7/25/2019	6/29/2020	019694866JJK	7340-08-0007	EnergySolutions, Clive, UT	Landfill	7/21/2020	7/29/2020
121424-14	SPILL CLEANUP/ENCAPUSLATION DEBRIS	300	136	244	111	8/1/2019	6/29/2020	019694866JJK	7340-08-0007	EnergySolutions, Clive, UT	Landfill	7/21/2020	7/29/2020
121424-15	SPILL CLEANUP/ENCAPUSLATION DEBRIS	276	125	220	100	9/3/2019	6/29/2020	019694866JJK	7340-08-0007	EnergySolutions, Clive, UT	Landfill	7/21/2020	7/29/2020
121424-16	SPILL CLEANUP/ENCAPUSLATION DEBRIS	152	69	96	44	12/2/2019	6/29/2020	019694866JJK	7340-08-0007	EnergySolutions, Clive, UT	Landfill	7/21/2020	7/29/2020
121546-04	PCB/LEAD CABLE AND POTHEAD	2,144	973	1,338	607	4/3/2019	2/28/2020	019694808JJK	WCS-8931-0001	Waste Control Specialist, Andrews, TX	Landfill	3/18/2020	3/19/2020
121918-01	PCB LIGHT BALLASTS/TRANSFORMERS/CAPACITORS	106	48	50	23	9/23/2019	7/30/2020	019694891JJK	7340-08-0009	EnergySolutions, Clive, UT	Landfill	8/11/2020	8/18/2020
121950-01	PCB CONTAINMENT DIKE	1,010	458	310	141	11/4/2019	7/30/2020	019694891JJK	7340-08-0009	EnergySolutions, Clive, UT	Landfill	8/11/2020	8/18/2020
121993-01	CONDUIT/METAL WITH PCB CONTAMINATION	246	112	190	86	12/23/2019	6/29/2020	019694866JJK	7340-08-0007	EnergySolutions, Clive, UT	Landfill	7/21/2020	7/29/2020
121993-02	LIGHT BALLAST	140	64	84	38	2/18/2020	10/20/2020	019694971JJK	7340-08-0010	EnergySolutions, Clive, UT	Landfill	11/3/2020	11/9/2020
121998-01	SPILL CLEANUP DEBRIS/ENCAPSULATION WASTE FROM VENT DUCT TROUGHS/PCB SPILL SITE ENCAPSULATION ACTIVITIES	174	79	56	25	1/14/2020	7/30/2020	019694891JJK	7340-08-0009	EnergySolutions, Clive, UT	Landfill	8/11/2020	8/18/2020
121998-02	SPILL CLEANUP DEBRIS/ENCAPSULATION WASTE FROM VENT DUCT TROUGHS/PCB SPILL SITE ENCAPSULATION ACTIVITIES	146	66	90	41	2/24/2020	10/20/2020	019694971JJK	7340-08-0010	EnergySolutions, Clive, UT	Landfill	11/3/2020	11/9/2020
121999-01	PCB VENTILATION DUCT LIQUIDS FROM VENTILATION TROUGHS IN PROCESS BUILDINGS	480	218	424	192	2/11/2020	10/20/2020	019694972JJK	9750-04-0006	EnergySolutions, Clive, UT			
122023-01	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	33,360	15,132	25,470	11,553	2/13/2020	2/24/2020	019694796JJK	9750-01-0010	EnergySolutions, Clive, UT	Landfill	4/9/2020	4/27/2020
122023-02	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	38,380	17,409	30,490	13,830	2/13/2020	2/24/2020	019694797JJK	9750-01-0011	EnergySolutions, Clive, UT	Landfill	6/22/2020	6/26/2020
122023-03	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	38,100	17,282	30,210	13,703	2/13/2020	2/24/2020	019694798JJK	9750-01-0012	EnergySolutions, Clive, UT	Landfill	4/9/2020	4/27/2020
122023-04	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	41,640	18,888	33,750	15,309	2/14/2020	2/18/2020	019694786JJK	9750-01-0009	EnergySolutions, Clive, UT	Landfill	6/22/2020	6/26/2020
122023-05	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	42,080	19,087	34,190	15,508	2/14/2020	2/28/2020	019694809JJK	9750-01-0013	EnergySolutions, Clive, UT	Landfill	6/4/2020	6/17/2020
122023-06	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	35,140	15,939	27,250	12,360	2/14/2020	2/28/2020	019694810JJK	9750-01-0014	EnergySolutions, Clive, UT	Landfill	6/11/2020	6/17/2020
122023-07	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	32,380	14,687	24,490	11,108	2/19/2020	3/5/2020	019694819JJK	9750-01-0015	EnergySolutions, Clive, UT	Landfill	6/15/2020	6/17/2020
122023-08	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	34,320	15,567	26,430	11,988	2/19/2020	3/5/2020	019694820JJK	9750-01-0016	EnergySolutions, Clive, UT	Landfill	6/18/2020	6/23/2020
122023-09	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	37,680	17,091	29,790	13,513	2/19/2020	3/5/2020	019694821JJK	9750-01-0017	EnergySolutions, Clive, UT	Landfill	6/8/2020	6/22/2020
122023-10	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	39,240	17,799	31,350	14,220	2/19/2020	3/12/2020	019694822JJK	9750-01-0018	EnergySolutions, Clive, UT	Landfill	6/11/2020	6/17/2020
122023-11	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	32,000	14,515	24,110	10,936	2/19/2020	3/12/2020	019694823JJK	9750-01-0019	EnergySolutions, Clive, UT	Landfill	6/4/2020	6/17/2020
122023-12	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	37,060	16,810	29,170	13,231	2/21/2020	3/12/2020	019694824JJK	9750-01-0020	EnergySolutions, Clive, UT	Landfill	6/8/2020	6/17/2020
122023-13	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	38,680	17,545	30,790	13,966	2/21/2020	3/12/2020	019694825JJK	9750-01-0021	EnergySolutions, Clive, UT	Landfill	6/4/2020	6/17/2020
122023-14	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	37,300	16,919	29,410	13,340	2/21/2020	3/19/2020	019694838JJK	9750-01-0022	EnergySolutions, Clive, UT	Landfill	6/8/2020	6/17/2020

Table 3. PCB Waste Disposal Activities Shipped Off-site and/or Disposed of for CY 2020 (Continued)

Waste ID	Description	Gross Wt (lb)	Gross Wt (kg)	Net Wt (lb)	Net Wt (kg)	Earliest Date Removed from Service	Date Shipped	Manifest	Shipment No	Disposal Location	Disposal Method	Disposal Date	CoD Rec'd
122023-15	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	37,520	17,019	29,630	13,440	2/21/2020	3/19/2020	019694839JJK	9750-01-0023	EnergySolutions, Clive, UT	Landfill	6/8/2020	6/17/2020
122023-16	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	31,560	14,315	23,670	10,737	2/21/2020	3/19/2020	019694840JJK	9750-01-0024	EnergySolutions, Clive, UT	Landfill	6/15/2020	6/17/2020
122023-17	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	29,040	13,172	21,150	9,593	2/22/2020	3/19/2020	019694841JJK	9750-01-0025	EnergySolutions, Clive, UT	Landfill	6/11/2020	6/17/2020
122023-18	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	32,160	14,588	24,270	11,009	2/22/2020	3/30/2020	019694850JJK	9750-01-0026	EnergySolutions, Clive, UT	Landfill	6/18/2020	6/23/2020
122023-19	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	34,520	15,658	26,630	12,079	2/22/2020	3/30/2020	019694851JJK	9750-01-0027	EnergySolutions, Clive, UT	Landfill	6/18/2020	6/23/2020
122023-20	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	34,400	15,604	26,510	12,025	2/22/2020	3/30/2020	019694852JJK	9750-01-0028	EnergySolutions, Clive, UT	Landfill	6/8/2020	6/17/2020
122023-21	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	33,730	15,300	24,435	11,084	8/21/2020	9/10/2020	019694899JJK	9750-01-0030	EnergySolutions, Clive, UT	Landfill	9/28/2020	1/28/2021
122023-22	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	29,970	13,594	20,675	9,378	8/21/2020	9/10/2020	019694900JJK	9750-01-0031	EnergySolutions, Clive, UT	Landfill	9/28/2020	9/30/2020
122023-23	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	41,350	18,756	32,055	14,540	8/21/2020	9/10/2020	019694901JJK	9750-01-0032	EnergySolutions, Clive, UT	Landfill	10/19/2020	10/26/2020
122023-24	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	38,090	17,277	28,795	13,061	8/21/2020	9/10/2020	019694902JJK	9750-01-0033	EnergySolutions, Clive, UT	Landfill	9/28/2020	9/30/2020
122023-25	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	38,890	17,640	31,390	14,238	8/21/2020	9/17/2020	019694905JJK	9750-01-0034	EnergySolutions, Clive, UT	Landfill	9/24/2020	9/30/2020
122023-26	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	40,230	18,248	32,730	14,846	9/3/2020	9/17/2020	019694906JJK	9750-01-0035	EnergySolutions, Clive, UT	Landfill	9/28/2020	9/30/2020
122023-27	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	35,010	15,880	27,510	12,478	8/26/2020	9/22/2020	019694846JJK	9750-01-0038	EnergySolutions, Clive, UT	Landfill	10/22/2020	10/30/2020
122023-28	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	32,650	14,810	25,150	11,408	9/3/2020	9/17/2020	019694907JJK	9750-01-0036	EnergySolutions, Clive, UT	Landfill	9/28/2020	9/30/2020
122023-29	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	29,140	13,218	21,640	9,816	9/3/2020	9/17/2020	019694908JJK	9750-01-0037	EnergySolutions, Clive, UT	Landfill	9/24/2020	9/30/2020
122023-30	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	27,480	12,465	19,980	9,063	9/3/2020	9/24/2020	019694848JJK	9750-01-0040	EnergySolutions, Clive, UT	Landfill	10/22/2020	10/30/2020
122023-31	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	36,900	16,738	29,400	13,336	9/4/2020	10/1/2020	019694946JJK	9750-01-0046	EnergySolutions, Clive, UT	Landfill	11/12/2020	11/24/2020
122023-32	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	37,880	17,182	30,380	13,780	9/8/2020	9/24/2020	019694849JJK	9750-01-0041	EnergySolutions, Clive, UT	Landfill	10/22/2020	10/30/2020
122023-33	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	30,060	13,635	22,560	10,233	9/4/2020	10/1/2020	019694947JJK	9750-01-0047	EnergySolutions, Clive, UT	Landfill	11/16/2020	11/24/2020
122023-34	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	37,900	17,191	30,400	13,789	9/8/2020	9/24/2020	019694938JJK	9750-01-0042	EnergySolutions, Clive, UT	Landfill	11/5/2020	11/9/2020
122023-35	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	33,680	15,277	26,180	11,875	9/8/2020	9/22/2020	019694847JJK	9750-01-0039	EnergySolutions, Clive, UT	Landfill	10/22/2020	10/30/2020
122023-36	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	29,220	13,254	21,720	9,852	9/8/2020	9/24/2020	019694939JJK	9750-01-0043	EnergySolutions, Clive, UT	Landfill	11/16/2020	11/24/2020
122023-37	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	26,660	12,093	19,160	8,691	9/9/2020	9/29/2020	019694944JJK	9750-01-0044	EnergySolutions, Clive, UT	Landfill	11/16/2020	11/24/2020
122023-38	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	30,500	13,835	23,000	10,433	9/9/2020	9/29/2020	019694945JJK	9750-01-0045	EnergySolutions, Clive, UT	Landfill	11/16/2020	11/24/2020
122023-39	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	34,740	15,758	27,240	12,356	9/9/2020	10/1/2020	019694948JJK	9750-01-0048	EnergySolutions, Clive, UT	Landfill	11/16/2020	11/24/2020
122023-40	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	41,980	19,042	34,480	15,640	9/10/2020	10/1/2020	019694949JJK	9750-01-0049	EnergySolutions, Clive, UT	Landfill	11/16/2020	11/24/2020
122023-41	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	34,640	15,712	27,140	12,310	9/11/2020	10/6/2020	019694964JJK	9750-01-0052	EnergySolutions, Clive, UT	Landfill	11/12/2020	11/24/2020
122023-42	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	39,000	17,690	31,500	14,288	9/11/2020	10/6/2020	019694965JJK	9750-01-0053	EnergySolutions, Clive, UT	Landfill	11/12/2020	11/24/2020
122023-43	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	32,380	14,687	24,880	11,285	9/11/2020	10/6/2020	019694962JJK	9750-01-0050	EnergySolutions, Clive, UT	Landfill	10/19/2020	10/26/2020
122023-44	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	27,700	12,565	20,200	9,163	9/14/2020	10/13/2020	019694978JJK	9750-01-0061	EnergySolutions, Clive, UT	Landfill	11/19/2020	11/24/2020
122023-45	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	40,980	18,588	33,480	15,186	9/14/2020	10/13/2020	019694979JJK	9750-01-0060	EnergySolutions, Clive, UT	Landfill	11/23/2020	12/1/2020
122023-46	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	41,200	18,688	33,700	15,286	9/14/2020	10/13/2020	019694980JJK	9750-01-0058	EnergySolutions, Clive, UT	Landfill	11/19/2020	11/24/2020
122023-47	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	30,460	13,816	22,960	10,414	9/14/2020	10/13/2020	019694981JJK	9750-01-0059	EnergySolutions, Clive, UT	Landfill	11/19/2020	11/24/2020
122023-48	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	35,680	16,184	28,180	12,782	9/14/2020	10/13/2020	019694986JJK	9750-01-0066	EnergySolutions, Clive, UT	Landfill	11/20/2020	12/1/2020
122023-49	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	31,960	14,497	24,460	11,095	9/14/2020	10/6/2020	019694963JJK	9750-01-0051	EnergySolutions, Clive, UT	Landfill	11/12/2020	11/24/2020

Table 3. PCB Waste Disposal Activities Shipped Off-site and/or Disposed of for CY 2020 (Continued)

Waste ID	Description	Gross Wt (lb)	Gross Wt (kg)	Net Wt (lb)	Net Wt (kg)	Earliest Date Removed from Service	Date Shipped	Manifest	Shipment No	Disposal Location	Disposal Method	Disposal Date	CoD Rec'd
122023-50	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	40,040	18,162	32,540	14,760	9/15/2020	10/13/2020	019694977JJK	9750-01-0055	EnergySolutions, Clive, UT	Landfill	11/16/2020	11/24/2020
122023-51	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	38,680	17,545	31,180	14,143	9/15/2020	10/13/2020	019694974JJK	9750-01-0056	EnergySolutions, Clive, UT	Landfill	11/19/2020	11/24/2020
122023-52	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	34,500	15,649	27,000	12,247	9/16/2020	10/13/2020	019694975JJK	9750-01-0054	EnergySolutions, Clive, UT	Landfill	11/19/2020	11/24/2020
122023-53	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	42,100	19,096	34,600	15,694	9/15/2020	10/13/2020	019694976JJK	9750-01-0057	EnergySolutions, Clive, UT	Landfill	11/19/2020	11/24/2020
122023-54	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	35,100	15,921	27,600	12,519	9/16/2020	10/13/2020	019694982JJK	9750-01-0063	EnergySolutions, Clive, UT	Landfill	11/20/2020	12/1/2020
122023-55	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	39,100	17,735	31,600	14,334	9/16/2020	10/13/2020	019694983JJK	9750-01-0062	EnergySolutions, Clive, UT	Landfill	11/20/2020	12/1/2020
122023-56	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	42,980	19,495	35,480	16,093	9/18/2020	10/13/2020	019694984JJK	9750-01-0064	EnergySolutions, Clive, UT	Landfill	11/23/2020	12/1/2020
122023-57	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	41,100	18,643	33,600	15,241	9/18/2020	10/13/2020	019694985JJK	9750-01-0065	EnergySolutions, Clive, UT	Landfill	11/30/2020	12/9/2020
122023-58	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	41,100	18,643	33,210	15,064	9/22/2020	10/22/2020	019694990JJK	9750-01-0074	EnergySolutions, Clive, UT	Landfill	11/23/2020	12/1/2020
122023-59	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	46,280	20,992	38,390	17,413	9/22/2020	10/22/2020	019694991JJK	9750-01-0071	EnergySolutions, Clive, UT	Landfill	11/30/2020	12/9/2020
122023-60	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	43,340	19,659	35,450	16,080	9/22/2020	10/13/2020	019694987JJK	9750-01-0069	EnergySolutions, Clive, UT	Landfill	11/20/2020	12/1/2020
122023-61	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	37,620	17,064	28,325	12,848	9/22/2020	10/13/2020	019694988JJK	9750-01-0068	EnergySolutions, Clive, UT	Landfill	11/20/2020	12/1/2020
122023-62	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	38,480	17,454	29,185	13,238	9/24/2020	10/13/2020	019694989JJK	9750-01-0067	EnergySolutions, Clive, UT	Landfill	11/20/2020	12/1/2020
122023-63	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	39,540	17,935	31,650	14,356	9/24/2020	10/22/2020	019694992JJK	9750-01-0073	EnergySolutions, Clive, UT	Landfill	11/30/2020	12/9/2020
122023-64	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	33,800	15,331	25,910	11,753	9/25/2020	10/22/2020	019694995JJK	9750-01-0076	EnergySolutions, Clive, UT	Landfill	12/10/2020	12/28/2020
122023-65	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	37,480	17,001	29,590	13,422	9/28/2020	10/22/2020	019694993JJK	9750-01-0072	EnergySolutions, Clive, UT	Landfill	11/30/2020	12/9/2020
122023-67	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	45,200	20,502	37,310	16,924	9/25/2020	10/22/2020	019694994JJK	9750-01-0075	EnergySolutions, Clive, UT	Landfill	11/30/2020	2/23/2021
122023-68	PCB CONTAMINATED DEBRIS AND CHROMIUM CONTAMINATED BRICK	24,700	11,204	17,200	7,802	10/16/2020	11/10/2020	019695015JJK	9750-01-0077	EnergySolutions, Clive, UT	Landfill	11/20/2020	12/1/2020
122138-01	PCB/HAZARDOUS CONTAMINATED ITEMS: JUNCTION BOXES, POTHEADS, CABLE	2,936	1,332	1,694	768	8/14/2020	10/19/2020	019694968JJK	9750-01-0070	EnergySolutions, Clive, UT	Landfill	11/2/2020	11/3/2020
88	Total Weight Shipped for CY 2020*	2,429,268	1,101,897	1,901,650	862,574								
121645-01	UNUSED LAB CHEMICALS	10	5	6	3	9/27/2018	9/25/2019	019694703JJK	DSSI-19-105	DSSI, Inc., Kingston, TN	Incineration	9/30/2020	10/12/2020
121734-01	PCB CONTAMINATED TRANSFORMER OIL FROM C-533 SWITCHYARD	426	193	370	168	3/12/2019	5/28/2019	013496416FLE	013496416FLE	Clean Harbors Deer Park, LaPorte, TX	Incineration	8/20/2019	4/7/2020
121734-02	PCB CONTAMINATED TRANSFORMER OIL FROM C-533 SWITCHYARD	446	202	390	177	3/20/2019	5/28/2019	013496416FLE	013496416FLE	Clean Harbors Deer Park, LaPorte, TX	Incineration	7/22/2019	4/7/2020
121734-03	PCB CONTAMINATED TRANSFORMER OIL FROM C-533 SWITCHYARD	446	202	390	177	3/28/2019	5/28/2019	013496416FLE	013496416FLE	Clean Harbors Deer Park, LaPorte, TX	Incineration	7/22/2019	4/7/2020
121734-04	PCB CONTAMINATED TRANSFORMER OIL FROM C-533 SWITCHYARD	436	198	381	173	4/3/2019	5/28/2019	013496416FLE	013496416FLE	Clean Harbors Deer Park, LaPorte, TX	Incineration	7/22/2019	4/7/2020
121734-05	PCB CONTAMINATED TRANSFORMER OIL FROM C-533 SWITCHYARD	410	186	354	161	4/15/2019	5/28/2019	013496416FLE	013496416FLE	Clean Harbors Deer Park, LaPorte, TX	Incineration	8/16/2019	4/7/2020
121734-06	PCB CONTAMINATED TRANSFORMER OIL FROM C-533 SWITCHYARD	428	194	372	169	4/23/2019	5/28/2019	013496416FLE	013496416FLE	Clean Harbors Deer Park, LaPorte, TX	Incineration	7/22/2019	4/7/2020
121734-07	PCB CONTAMINATED TRANSFORMER OIL FROM C-533 SWITCHYARD	434	197	378	171	4/23/2019	5/28/2019	013496416FLE	013496416FLE	Clean Harbors Deer Park, LaPorte, TX	Incineration	8/16/2019	4/7/2020
121734-08	PCB CONTAMINATED TRANSFORMER OIL FROM C-533 SWITCHYARD	430	195	374	170	5/5/2019	5/28/2019	013496416FLE	013496416FLE	Clean Harbors Deer Park, LaPorte, TX	Incineration	8/15/2019	4/7/2020
121734-09	PCB CONTAMINATED TRANSFORMER OIL FROM C-533 SWITCHYARD	156	71	100	45	5/6/2019	5/28/2019	013496416FLE	013496416FLE	Clean Harbors Deer Park, LaPorte, TX	Incineration	9/6/2019	4/7/2020

Table 3. PCB Waste Disposal Activities Shipped Off-site and/or Disposed of for CY 2020 (Continued)

Waste ID	Description	Gross Wt (lb)	Gross Wt (kg)	Net Wt (lb)	Net Wt (kg)	Earliest Date Removed from Service	Date Shipped	Manifest	Shipment No	Disposal Location	Disposal Method	Disposal Date	CoD Rec'd
121872-01	VACUUMS AND VACUUM DEBRIS FROM CLEANUP OF PCB GASKET SPILL 2019	112	51	56	25	7/25/2019	12/16/2019	019694743JJK	9750-01-0008	EnergySolutions, Clive, UT	Landfill	4/9/2020	4/27/2020
121424-06	RAG, PANS, PLASTIC, PADS, PPE	82	37	26	12	11/7/2018	10/31/2019	019694693JJK	7340-08-0005	EnergySolutions, Clive, UT	Landfill	11/12/2019	1/31/2020
121424-07	RAG, PANS, PLASTIC, PADS, PPE	98	44	42	19	1/24/2019	10/31/2019	019694693JJK	7340-08-0005	EnergySolutions, Clive, UT	Landfill	11/12/2019	1/31/2020
121424-08	RAG, PANS, PLASTIC, PADS, PPE	126	57	70	32	3/6/2019	10/31/2019	019694693JJK	7340-08-0005	EnergySolutions, Clive, UT	Landfill	11/12/2019	1/31/2020
121424-09	SPILL CLEANUP DEBRIS/ENCAPSULATION WASTE	118	54	62	28	3/14/2019	10/31/2019	019694693JJK	7340-08-0005	EnergySolutions, Clive, UT	Landfill	11/12/2019	1/31/2020
121424-10	RAG, PANS, PLASTIC, PADS, PPE	116	53	60	27	5/9/2019	10/31/2019	019694693JJK	7340-08-0005	EnergySolutions, Clive, UT	Landfill	11/12/2019	1/31/2020
121255-02	LUBE OIL/PCB RINSEATE COLLECTED IN SIGHT GLASSES FROM TRANSFORMER DRAINING, POST-TSCA RINSE.	476	216	420	191	10/10/2017	2/27/2019	019694567JJK	DSSI-19-020	DSSI, Inc., Kingston, TN	Incineration	12/10/2019	1/8/2020
121423-02	VENTILATION DUCT OIL AND WATER	446	202	390	177	6/13/2018	2/27/2019	019694567JJK	DSSI-19-020	DSSI, Inc., Kingston, TN	Incineration	12/10/2019	1/8/2020
121423-03	VENTILATION DUCT OIL AND WATER	498	226	442	200	9/25/2018	2/27/2019	019694567JJK	DSSI-19-020	DSSI, Inc., Kingston, TN	Incineration	12/10/2019	1/8/2020
121423-04	VENTILATION DUCT OIL AND WATER	506	230	450	204	11/1/2018	2/27/2019	019694567JJK	DSSI-19-020	DSSI, Inc., Kingston, TN	Incineration	12/10/2019	1/8/2020
121423-05	VENTILATION DUCT OIL AND WATER	466	211	410	186	2/13/2019	8/21/2019	019694647JJK	DSSI-19-087	DSSI, Inc., Kingston, TN	Incineration	1/30/2020	2/5/2020
121423-06	VENTILATION DUCT OIL AND WATER	484	220	428	194	4/17/2019	8/21/2019	019694647JJK	DSSI-19-087	DSSI, Inc., Kingston, TN	Incineration	1/30/2020	2/5/2020
102	Total Weight for Certificate of Disposal Received for CY 2020*	2,354,552	1,068,007	1,843,276	836,096								

*Total weight may vary due to rounding.

APPENDIX

**WRITTEN RECORD DEMONSTRATING COMPLIANCE
WITH 40 *CFR* § 761.65 (a)(1) REGARDING PCB-MIXED WASTE
CONTAINERS STORED IN EXCESS OF ONE YEAR
PRIOR TO SHIPPING DURING CALENDAR YEAR 2020**

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**Written Record Demonstrating Compliance with
40 *CFR* § 761.65 (a)(1) Regarding PCB-Mixed Waste
Containers in Storage Exceeding One Year Disposal
Requirement during First Quarter 2020**

The following radioactively contaminated polychlorinated biphenyl (PCB) waste items remained in storage past the one year regulatory time frame specified in 40 *CFR* § 761.65(a)(1).

Waste items 106744-01 and 107839-01 are faulted transformers that have removed from service dates of November 7, 2005, and June 27, 2004, respectively. Due to their size and the structural/equipment interferences in the process buildings, options for disposal of these items continue to be evaluated.

**Written Record Demonstrating Compliance with
40 *CFR* § 761.65 (a)(1) Regarding PCB-Mixed Waste
Containers in Storage Exceeding One Year Disposal
Requirement during Second Quarter 2020**

The following radioactively contaminated polychlorinated biphenyl (PCB) waste items remained in storage past the one year regulatory time frame specified in 40 *CFR* § 761.65(a)(1).

Waste items 106744-01 and 107839-01 are faulted transformers that have removed from service dates of November 7, 2005, and June 27, 2004, respectively. Due to their size and the structural/equipment interferences in the process buildings, options for disposal of these items continue to be evaluated.

**Written Record Demonstrating Compliance with
40 *CFR* § 761.65 (a)(1) Regarding PCB-Mixed Waste
Containers in Storage Exceeding One Year Disposal
Requirement during Third Quarter 2020**

The following radioactively contaminated polychlorinated biphenyl (PCB) waste items remained in storage past the one year regulatory time frame specified in 40 *CFR* § 761.65(a)(1).

Waste items 106744-01 and 107839-01 are faulted transformers that have removed from service dates of November 7, 2005, and June 27, 2004, respectively. Due to their size and the structural/equipment interferences in the process buildings, options for disposal of these items continue to be evaluated.

**Written Record Demonstrating Compliance with
40 *CFR* § 761.65 (a)(1) Regarding PCB-Mixed Waste
Containers in Storage Exceeding One Year Disposal
Requirement during Fourth Quarter 2020**

The following radioactively contaminated polychlorinated biphenyl (PCB) waste items remained in storage past the one year regulatory time frame specified in 40 *CFR* § 761.65(a)(1).

Waste items 106744-01 and 107839-01 are faulted transformers that have removed from service dates of November 7, 2005, and June 27, 2004, respectively. Due to their size and the structural/equipment interferences in the process buildings, options for disposal of these items continue to be evaluated.