



Four Rivers Nuclear Partnership, LLC
5511 Hobbs Road
Kevil, KY 42053
www.fourriversnuclearpartnership.com

February 27, 2018

FRNP-18-0431

Ms. Edith Greer
Kentucky Division of Waste Management
Hazardous Waste Branch
300 Sower Blvd., 2nd Floor
Frankfort, KY 40601

Dear Ms. Greer:

2017 Annual Hazardous Waste Report, Assessment Return, and Claim for Exclusion for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky, Permit No. KY8-890-008-982, Agency Interest No. 3059

Enclosed is the Hazardous Waste Report for calendar year (CY) 2017 for activities conducted under Kentucky Division of Waste Management Permit Number KY8-890-008-982. This report also was generated and transmitted electronically using the EasiTrak software.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) wastes are reported in accordance with the December 14, 2011, U.S. Environmental Protection Agency guidance, "Resource Conservation and Recovery Act (RCRA) Biennial Report Requirements for Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Response Actions." CERCLA wastes are identified in the report using source code G49, Other remediation.

There were no reportable noncompliances in CY 2017 in accordance with Condition III.E.17 of our permit.

A check in the amount of \$809.41 is enclosed for waste generated in CY 2017 that subsequently was treated, stored, or disposed of.

If you have any questions, please contact James Miller at (270) 519-6347.

Sincerely,

A handwritten signature in black ink that reads "W.E. Kirby".

William E. Kirby
Program Manager

Enclosures:

1. Certification Page
2. Hazardous Waste Assessment Return
3. Claim for Exclusion
4. Summary of Noncompliance
5. 2017 Annual Hazardous Waste Report Form 1
6. 2017 Annual Hazardous Waste Report Form 2
7. 2017 Annual Hazardous Waste Report Form 4
8. Check in the amount of \$809.41

cc w/enclosures:

McCracken County Judge/Executive

e-copy:

J. Woodard, DOE/PAD

K. Knerr, DOE/PAD

J. Miller, FRNP/PAD

M. Redfield, FRNP/PAD

C. Walker, FRNP/PAD

**2017 Annual Hazardous Waste Report,
Assessment Return, and
Claim for Exclusion
for the
Paducah Gaseous Diffusion Plant,
McCracken County, Kentucky**

**Permit Number KY8-890-008-982
Agency Interest No. 3059**

CLEARED FOR PUBLIC RELEASE

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ENCLOSURE 1

**2017 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN,
AND CLAIM FOR EXCLUSION FOR THE
PADUCAH GASEOUS DIFFUSION PLANT,
MCCRACKEN COUNTY, KENTUCKY,
PERMIT NUMBER KY8-890-008-982**

CERTIFICATION PAGE

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CERTIFICATION

Document Identification: **2017 Annual Hazardous Waste Report, Assessment Return, and Claim for Exclusion from the Hazardous Waste Assessment for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky, Permit Number KY8-890-008-982, Agency Interest No. 3059**

Except for general policy direction and funding, which are the responsibility of DOE, effective 12:01 a.m. on October 20, 2017, FRNP is responsible for performing RCRA generator requirements on behalf of both FRNP and DOE for all activities under the scope of FRNP's Contract DE-EM0004895. For purposes of the certification described in 401 KAR 38.070, Section 7 and 40 CFR § 270.11, DOE and FRNP representatives are certifying, to the best of their knowledge and belief, the truth, accuracy, and completeness of the 2017 Annual Hazardous Waste Report, Assessment Return, and Claim for Exclusion from the Hazardous Waste Assessment for their respective areas of responsibility consistent with the Co-generator Agreement dated September 13, 2017.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Four Rivers Nuclear Partnership, LLC



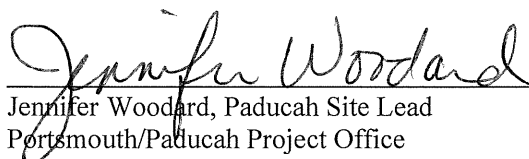
William E. Kirby, Program Manager

2/27/18

Date Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

U.S. Department of Energy



Jennifer Woodard, Paducah Site Lead
Portsmouth/Paducah Project Office

2/27/18

Date Signed

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ENCLOSURE 2

**2017 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN,
AND CLAIM FOR EXCLUSION FOR THE
PADUCAH GASEOUS DIFFUSION PLANT,
MCCRACKEN COUNTY, KENTUCKY,
PERMIT NUMBER KY8-890-008-982**

HAZARDOUS WASTE ASSESSMENT RETURN

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For official use only:

Amt. \$ _____ Receipt # _____ Receipt Date _____ Initials _____

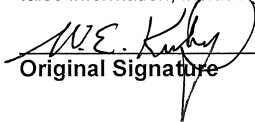
****SEND NO CHECK IF TOTAL AMOUNT DUE IS LESS THAN \$50.00****

Commonwealth of Kentucky
HAZARDOUS WASTE ASSESSMENT RETURN
 From January - December, 2017

Return BEFORE March 1, 2018. Late fees apply to Assessments date stamped by the Branch after March 1, 2018.
 Make checks payable to the KENTUCKY STATE TREASURER.

1. EPA ID Number: KY8-890-008-982		County: McCracken	Agency Interest Number (AI#): 3059	
Site Name: U.S. DOE Paducah Gaseous Diffusion Plant				
Contact Person: William E. Kirby		Phone No: (270) 441-6412	Extension: N/A	
Mailing Address: 5511 Hobbs Road				
City, State and Zip: Kevil, Kentucky 42053				
ASSESSMENT CATEGORIES List waste generated and/or Received from out-of-state from January 1- December 31, 2017		Column A QUANTITY List quantity in pounds.	Column B RATE	Column C AMOUNT DUE Multiply Column A x B
2a. Solid hazardous waste generated and destined for disposal off-site		147,215	\$0.002 (if 2a)	\$ 294.43
2b. Solid hazardous waste burned off-site for energy recovery in an industrial boiler or furnace (H050 only)		0	\$0.001 (if 2b)	\$ 0
3a. Solid hazardous waste generated and treated, recycled, or disposed of on-site		0	\$0.001 (if 3a)	\$ 0
3b. Solid hazardous waste burned on-site for energy recovery in an industrial boiler or furnace (H050 only)		0	\$0.0005 (if 3b)	\$ 0
4a. Liquid hazardous waste generated and destined for disposal off-site		42,915	\$0.012 (if 4a)	\$ 514.98
4b. Liquid hazardous waste burned off-site for energy recovery in an industrial boiler or furnace (H050 only)		0	\$0.006 (if 4b)	\$ 0
5a. Liquid hazardous waste generated and treated, recycled, or disposed of on-site		0	\$0.006 (if 5a)	\$ 0
5b. Liquid hazardous waste burned on-site for energy recovery in an industrial boiler or furnace (H050 only)		0	\$0.003 (if 5b)	\$ 0
6. Waste excluded from all Exclusions Forms		1,546		
7. SUBTOTAL				\$ 809.41
8. Interest on late submittals calculated from January 1 to Branch receipt date stamp				\$ 0
9. Penalties on late submittals calculated from January 1 to Branch receipt date stamp				\$ 0
10. Adjustments from over payments And under payments				\$ 0
11. TOTAL AMOUNT DUE (ASSESSMENT WAIVED IF UNDER \$50.00)				\$ 809.41

CERTIFICATION: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


 Original Signature

William E. Kirby, Four Rivers Nuclear Partnership, LLC, Program Manager
 Name and Title

2/21/18
 Date
 DEP-7070 (Rev. 2007)

Hazardous Waste Assessment Return for 2017

Schedule 1

US DOE Paducah Gaseous Diffusion Plant
EPA ID: KY8-890-008-982

Solid hazardous waste received from off-site

0 pounds

Hazardous Waste Assessment Return for 2017

Schedule 2

US DOE Paducah Gaseous Diffusion Plant
EPA ID: KY8-890-008-982

Liquid hazardous waste received from off-site

0 pounds

Hazardous Waste Assessment Return for 2017

Schedule 3

US DOE Paducah Gaseous Diffusion Plant
EPA ID: KY8-890-008-982

Solid hazardous waste generated and sent off-site	147,215	pounds
Solid hazardous waste generated and treated, recycled, or disposed of on-site	0	pounds
Liquid hazardous waste generated and sent off-site	42,915	pounds ¹
Liquid hazardous waste generated and treated, recycled, or disposed of on-site	0	pounds

¹ This amount excludes 1,546 pounds of waste oil, which is included on the Claim for Exclusion from the Hazardous Waste Assessment for January—December 2017. The oil will be shipped off-site for thermal treatment.

ENCLOSURE 3

**2017 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN,
AND CLAIM FOR EXCLUSION FOR THE
PADUCAH GASEOUS DIFFUSION PLANT,
MCCRACKEN COUNTY, KENTUCKY,
PERMIT NUMBER KY8-890-008-982**

CLAIM FOR EXCLUSION FROM THE HAZARDOUS WASTE ASSESSMENT

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Commonwealth of Kentucky
CLAIM FOR EXCLUSION FROM THE HAZARDOUS WASTE ASSESSMENT
 From January – December 2017

Return to Hazardous Waste Branch, 300 Sower Blvd., Frankfort KY 40601 BEFORE **March 1, 2018** with the Hazardous Waste Assessment Return and Annual Report.

1. EPA ID Number: KY8-890-008-982	County: McCracken	AI#: 3059
Site Name: U.S. DOE Paducah Gaseous Diffusion Plant		
Contact Person: William E. Kirby	Phone No: (270) 441-6412	Extension: N/A
Mailing Address: 5511 Hobbs Road		
City, State and Zip: Kevil, Kentucky 42053		

2. Identify the specific exclusion described under KRS 224.46-580 (7) and (8) for which approval is sought. Mark only one box.

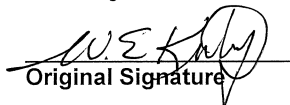
- Waste Oil
- Special Waste
- Spent material from air pollution control emissions at coke manufacturing facilities
- Secondary handler receiving waste from Kentucky generators
- Waste subject to Section 402 of the Clean Water Act sent to a KPDES outfall
- Waste subject to Section 307B of the Clean Water Act sent to a POTW
- Recycled waste used in the steel manufacturing process
- Out-of-state waste received by a manufacturing company from an affiliated company
- Emission control dust and sludge from the primary production of steel that is recycled by high temperature metals recovery or managed by stabilization of metals

3. Provide a brief description of the process that generates the hazardous waste for which you are seeking exclusion from assessment or the Claim will be denied. **(Mandatory - Attach additional sheets if necessary.)** The waste oil reported on this claim for exclusion from the Hazardous Waste Assessment for January–December 2017 consists of oil drained from equipment being decommissioned or serviced. All of this oil will be treated thermally at Diversified Scientific Services, Inc. (DSSI) in Kingston, Tennessee.

4. Complete this chart for the hazardous waste you are seeking an exclusion.

EPA Waste Codes	Amount of Waste Generated During the Assessment Period <small>Report in pounds.</small>	Solid or Liquid	Was this waste ultimately sent off site for treatment storage or disposal? <small>(Yes or No?)</small>
D001 D008 D018	1,546	Liquid	No

CERTIFICATION: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


Original Signature

William E. Kirby, Four Rivers Nuclear Partnership, LLC, Program Manager
Name and Title

2/21/18
Date

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ENCLOSURE 4

**2017 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN,
AND CLAIM FOR EXCLUSION FOR THE
PADUCAH GASEOUS DIFFUSION PLANT,
MCCRACKEN COUNTY, KENTUCKY,
PERMIT NUMBER KY8-890-008-982**

SUMMARY OF NONCOMPLIANCE

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SUMMARY OF NONCOMPLIANCE

Pursuant to the Permit Condition III.E.17, of Hazardous Waste Management Facility Permit (KY8-890-008-982), "The Permittee shall report all instances of noncompliance not reported above, at the time annual reports are submitted."

There were no reportable noncompliances in calendar year 2017.

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ENCLOSURE 5

**2017 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN,
AND CLAIM FOR EXCLUSION FOR THE
PADUCAH GASEOUS DIFFUSION PLANT,
MCCRACKEN COUNTY, KENTUCKY,
PERMIT NUMBER KY8-890-008-982**

FORM 1 – IDENTIFICATION AND CERTIFICATION

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MAIL TO: Division of Waste Management Hazardous Waste Branch 300 Sower Blvd Frankfort, KY 40601	Commonwealth of Kentucky Department for Environmental Protection 2017 Hazardous Waste Annual Report FORM 1 – Identification and Certification Equivalent to EPA RCRA Subtitle C Site Identification Form	<i>For Official Use Only. Do not write in this space.</i>		
1. Reason for Submittal	<input checked="" type="checkbox"/> As a component of the Hazardous Waste Annual Report			
2. Site ID Numbers	A. EPA ID Number: <u>KY8-890-008-982</u>	B. AGENCY INTEREST (AI) Number: <u>3059</u>		
3. Site Name	Name: U.S. Department of Energy, Paducah Gaseous Diffusion Plant			
4. Site Location Information	Street Address: 5600 Hobbs Road <hr/> City: Kevil State: KY Zip Code: 42053 <hr/> County: McCracken			
5. Land Type	Site Land Type: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Municipal <input type="checkbox"/> County			
6. NAICS Code(s) (see page 3)	A. 562910	B. 562211	C. 562212	D. N/A
7. Site Contact & Mailing Address	First Name: William MI: E Last Name: Kirby <hr/> Phone Number: (270) 441-6412 Phone Number Extension: N/A <hr/> E-Mail Address: Bill.Kirby@pad.pppo.gov <hr/> Street Address or P. O. Box: 5511 Hobbs Road <hr/> City: Kevil State: KY Country: USA Zip Code: 42053			
8. Site Operator Information	Name of Site's Operator: Four Rivers Nuclear Partnership, LLC <hr/> Date Became Operator (mm/dd/yyyy): 10/20/2017 Operator Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Municipal <input type="checkbox"/> County			
9. Site Legal Owner Information	Name of Site's Legal Owner: U.S. Department of Energy <hr/> Date Became Owner (mm/dd/yyyy): 10/18/1950 Owner Type: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Municipal <input type="checkbox"/> County <hr/> Phone Number: (270) 441-6800 Phone Number Extension: N/A <hr/> Street Address or P. O. Box: 5501 Hobbs Road <hr/> City: Kevil State: KY Country: USA Zip Code: 42053			
10. Legal Landowner of the Real Property:	Name of Landowner: U.S. Department of Energy <hr/> Date Became Owner (mm/dd/yyyy): 10/18/1950 Landowner Type: <input type="checkbox"/> Private <input checked="" type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Municipal <input type="checkbox"/> County <hr/> Phone Number: (270) 441-6800 Phone Number Extension: N/A <hr/> Street Address or P. O. Box: 5501 Hobbs Road <hr/> City: Kevil State: KY Country: USA Zip Code: 42053			

11. Type of Regulated Waste Activity
 Mark "X" in the appropriate box(es) for all waste activities at this location.

A. Hazardous Waste Activities

1. Generator of Hazardous Waste

Select Yes or No

Is this a one-time-only hazardous waste activity report?

Yes No

Choose only one of the following three categories:

- a. Large Quantity Generator:**
 (over 2,200 pounds generated in any one calendar month, cannot be averaged)
- b. Small Quantity Generator:**
 (220-2,200 pounds generated in any one calendar month, cannot be averaged)
- c. Conditionally Exempt Small Quantity Generator:**
 (less than 220 pounds generated in any one calendar month, cannot be averaged)
- d. Did you have a status change during the year?**
 Yes No
- 2. Fuel Burner of Hazardous Waste for Energy Recovery** (mark the appropriate box or boxes below)
 - a. Industrial Boiler
 - b. Industrial Furnace

3. United States Importer of Hazardous Waste

4. Mixed Waste (hazardous and radioactive) Generator

5. Transporter of Hazardous Waste

If "Yes," mark all that apply:

- a. Transporter
- b. Transfer Facility (at your site)

6. Treater, Storer, or Disposer of Hazardous Waste
 (Note: A Part B permit is required for these activities)

7. Recycler of Hazardous Waste

8. Exempt Boiler and/or Industrial Furnace

Mark "X" in all boxes that apply

- a. Small Quantity On-Site Burner Exemption
- b. Smelting, Melting, and Refining Furnace Exemption

9. Underground Injection Well

10. Receives Hazardous Waste from Off-site

B. Universal Waste Activities

1. Large Quantity Universal Waste Handler
 (over 11,000 pounds on-site storage)

Mark "X" in all boxes that apply

Generate Accumulate

- | | | |
|--|-------------------------------------|-------------------------------------|
| a. Batteries | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. Pesticides | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Mercury Thermostats | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Lamps
(includes fluorescent lamps) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

2. Destination Facility for Universal Waste
 NOTE: A hazardous waste permit may be required for this activity

C. Used Oil Activities

Mark "X" in all boxes that apply

1. Used Oil Transporter
 If "Yes," mark all that apply:
 a. Transporter
 b. Transfer Facility (at your site)

2. Used Oil Processor and/or Re-refiner
 If "Yes," mark all that apply:
 a. Processor
 b. Re-refiner

3. Off-Specification Used Oil Burner
 If "Yes," mark all that apply:
 a. Utility Boiler
 b. Industrial Boiler
 c. Industrial Furnace

4. Used Oil Fuel Marketer
 If "Yes," mark all that apply:
 a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
 b. Marketer Who First Claims the Used Oil Meets the Specifications

12. Description of Hazardous Wastes

A. Waste Codes for Federally Regulated Hazardous Wastes. List the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (i.e., D001, D003, F007, U112). Use an additional page if more spaces are needed.

D001	D002	D003	D004	D005	D006	D007	D008	D009	D010
D011	D018	D040	F001	F002	F003	F039	P098	P106	U123
U144	U151	U228							

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. (Additional N codes. Nerve and blister agents as required by KRS 224.50-130). List the waste codes of the State-regulated hazardous wastes handled at your site. Leave blank or mark N/A if State Waste Codes are not applicable to your site.

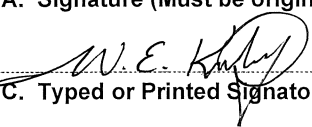
NA									

13. Comments (Additional Information that will clarify any item in this report.)

This report includes those Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) wastes subject to reporting pursuant to EPA guidance dated December 14, 2011, "Resource Conservation and Recovery Act (RCRA) Biennial Report Requirements for Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Response Actions." The CERCLA wastes are identified in the report using source code G49, Other remediation.

14. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Signature (Must be original): 	B. Date Signed: (mm/dd/yyyy) <u>02/21/2018</u>
C. Typed or Printed Signatory Name: William E. Kirby	D. Official Title of Signatory: Four Rivers Nuclear Partnership, LLC, Program Manager

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ENCLOSURE 6

**2017 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN,
AND CLAIM FOR EXCLUSION FOR THE
PADUCAH GASEOUS DIFFUSION PLANT,
MCCRACKEN COUNTY, KENTUCKY,
PERMIT NUMBER KY8-890-008-982**

FORM 2 – WASTE GENERATION AND MANAGEMENT

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Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) _____
 NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (CONTAINS ETHYLENE GLYCOL), 9, PG III

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D004 D006 D008 D010

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 219	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 9404 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
---	--

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	9404 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: ANTI-FREEZE / GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT

(1) (General) _____
 RQ, UN3264, WASTE, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (SULFURIC ACID), 8, PG II,
 (2) (Item 9b of manifest) (D002, D008)

EPA Hazardous Waste Code(s)
 D002 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>16</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
--	---	--	--	--

Quantity Generated in Report Year 1949 _____ pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small> _____
---	--

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>EnergySolutions Clive Facility</u> EPA ID Number of receiving facility: <u>UTD982598898</u>	H <u>132</u>	_____ <u>2773</u> _____ pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) _____
 RQ, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (CONTAINS ETHYLENE GLYCOL), 9, PG III, (D004, D006)
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D004 D006 D008 D010

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 219	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 2574 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	2574 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: ANTI-FREEZE / GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
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 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid

WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) _____
 NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (D008), 9, PG III

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 206	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
--	--	---	--	---

Quantity Generated in Report Year 2300 pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT

Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?

Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	2300 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 OTHER ORGANIC LIQUID FROM CLEANUP OF SPILL RESIDUES

(1) (General) _____
 NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (CONTAINS ETHYLENE GLYCOL), 9, PG III

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D004 D006 D008 D010

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>32</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>219</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	--	--	--	--

Quantity Generated in Report Year <u>2088</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
--	--

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H <u>132</u>	<u>2088</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: ANTI-FREEZE

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**

WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) _____

RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (DIESEL FUEL), 3, PG III, (D001)

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D001 D018

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 206	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>0</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT

Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?

Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	<u>760</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)
 (1) (General) _____
 UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (8), U-234, U-235, U-238, LIQUID/OXIDE, 21.41 MBQ, FISSILE EXCEPTED
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>626</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site 1	Name of receiving facility: M&EC/PermaFix <hr/> EPA ID Number of receiving facility: TNR000005397 <hr/>	Off Site Management Method Code H <u>141</u>	Total Quantity Shipped in 2017 _____ 626 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____ <hr/>	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____

(2) (Item 9b of manifest) UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234, LIQUID/OXIDE, 818.09 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 22 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 103	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>540</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>PermaFix of Florida, Inc.</u>	H <u>121</u>	<u>566</u> pounds
	EPA ID Number of receiving facility: <u>FLD980711071</u>		
2	_____	H _____	_____ pounds
	EPA ID Number of receiving facility: _____		

Comments: NA

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 OTHER ORGANIC SLUDGE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED
 CHEMICALS OR PRODUCTS
 (1) (General) _____
 RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., 3, PG II, (D001)
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 609	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H 061	296 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: RHODAMINE DYE

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234,
 (2) (Item 9b of manifest) LIQUID/OXIDE, 127.9 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>291</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>PermaFix of Florida, Inc.</u> EPA ID Number of receiving facility: <u>FLD980711071</u>	H <u>121</u>	<u>291</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____

(2) (Item 9b of manifest) UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234, LIQUID/OXIDE, 198.37 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)

D002

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>22</u> **H _____ **(For G25 only)	Form Code (Specify Other) <u>W 103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	--	---	--	--

Quantity Generated in Report Year <u>258</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT

Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: <u>H</u> _____	On Site Management Method Code: <u>H</u> _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?

Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: <u>TND982109142</u>	<u>H 040</u>	<u>258</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code <u>H</u> _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 VERY DILUTE AQUEOUS WASTE MORE THAN 99% WATER FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 (2) (Item 9b of manifest) RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D007, D008), AM-241, NP-237, PU-239, TH-230, LIQUID/OXIDE, 440 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D007 D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) <u>*G 19 **H</u> **(For G25 only)	Form Code (Specify Other) <u>W 101</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>228</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>Diversified Scientific Services, Inc. (DSSI)</u> EPA ID Number of receiving facility: <u>TND982109142</u>	H <u>040</u>	<u>228</u> pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234,
 (2) (Item 9b of manifest) LIQUID/OXIDE, 132.3 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>22</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	--	--	--	--

Quantity Generated in Report Year <u>222</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 040	<u>222</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____

(2) (Item 9b of manifest) UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234, LIQUID/OXIDE, 341.4 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)

D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	---	--	--	--

Quantity Generated in Report Year <u>155</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT

Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?

Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H 121	<u>155</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 VERY DILUTE AQUEOUS WASTE MORE THAN 99% WATER FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), (D007, D008), AM-241, NP-237, PU-239, TH-230, LIQUID/OXIDE, 139 MBQ, FISSILE EXCEPTED
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D002 D007 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 101	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 146 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site 1	Name of receiving facility: Diversified Scientific Services, Inc. (DSSI)	Off Site Management Method Code H 040	Total Quantity Shipped in 2017 146 pounds
Site 2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 PAINT, INK, LACQUER OR VARNISH FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED
 CHEMICALS OR PRODUCTS
 (1) (General) _____
 RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (PAINT MIXTURE), 3, PG II, (D001)
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 209	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H 061	135 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234, U-235, U-

(2) (Item 9b of manifest) 238, LIQUID/OXIDE, 2.058 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)

D002 D007

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	---	--	--	--

Quantity Generated in Report Year <u>135</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT

Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?

Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 040	<u>135</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
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 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), AM-241, NP-237,
 (2) (Item 9b of manifest) PU-238, PU-239, TH-230, LIQUID/OXIDE, 44.98 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>131</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site 1	Name of receiving facility: M&EC/PermaFix <hr/> EPA ID Number of receiving facility: TNR000005397	Off Site Management Method Code H <u>141</u>	Total Quantity Shipped in 2017 _____ 131 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

Commonwealth of Kentucky
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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)
 (1) (General) _____
 UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002), 8, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>22</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	--	--	--	--

Quantity Generated in Report Year <u>87</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H <u>121</u>	<u>128</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (8), U-234,
 (2) (Item 9b of manifest) LIQUID/OXIDE, 5.3 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>22</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>107</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: <u>TND982109142</u>	H <u>040</u>	<u>127</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)
 (1) (General) _____
 UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (D002), 8, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>106</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: <u>TND982109142</u>	H <u>040</u>	<u>125</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (8), U-234,
 (2) (Item 9b of manifest) LIQUID/OXIDE, 1 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>106</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>PermaFix of Florida, Inc.</u>	H <u>121</u>	<u>121</u> pounds
	EPA ID Number of receiving facility: <u>FLD980711071</u>		
2	_____	H _____	_____ pounds
	EPA ID Number of receiving facility: _____		

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234,
 (2) (Item 9b of manifest) LIQUID/OXIDE, 38.1 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>22</u> **H _____ **(For G25 only)	Form Code (Specify Other) <u>W 103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>96</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>PermaFix of Florida, Inc.</u>	<u>H 121</u>	<u>96</u> pounds
	EPA ID Number of receiving facility: <u>FLD980711071</u>		
2	_____	Off Site Management Method Code <u>H</u> _____	Total Quantity Shipped in 2017 _____ pounds
	EPA ID Number of receiving facility: _____		

Comments: NA

Commonwealth of Kentucky
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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) _____
 NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (CONTAINS ETHYLENE GLYCOL), 9, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D004 D006 D008 D010

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 219	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 84 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	84 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: ANTI-FREEZE / GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 OTHER AQUEOUS WASTE OR WASTEWATERS FROM DIP, FLUSH OR SPRAY RINSING

(1) (General) _____
 NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (LEAD), 9, PG III, (D008)

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 01 **H _____ **(For G25 only)	Form Code (Specify Other) W 113	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 040	65 pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234,
 (2) (Item 9b of manifest) LIQUID/OXIDE, 29.5 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	---	--	--	--

Quantity Generated in Report Year <u>44</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>PermaFix of Florida, Inc.</u>	H <u>121</u>	<u>44</u> pounds
	EPA ID Number of receiving facility: <u>FLD980711071</u>		
2	_____	H _____	_____ pounds
	EPA ID Number of receiving facility: _____		

Comments: NA

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 VERY DILUTE AQUEOUS WASTE MORE THAN 99% WATER FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (F001, PCB), U-234, U-235, U-238, LIQUID/OXIDE, 319 MBQ, FISSILE EXCEPTED
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 F001 F002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 101	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	--	---	--	--

Quantity Generated in Report Year <u>0</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 040	<u>34</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 (1) (General) AND/OR UNUSED CHEMICALS OR PRODUCTS
 (2) (Item 9b of manifest) UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID SOLUTION, HYDROBROMIC ACID), 8, PG II

EPA Hazardous Waste Code(s)
 LABP(D002 D004 D005 D006 D007 D008)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 001	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

<p align="center">On-site Process System 1</p> <p>On Site Management Method Code: H _____</p> <p>Quantity treated, recycled, disposed: (Circle one) _____ pounds</p>	<p align="center">On-site Process System 2</p> <p>On Site Management Method Code: H _____</p> <p>Quantity treated, recycled, disposed: (Circle one) _____ pounds</p>
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WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site 1	<p>Name of receiving facility: EnergySolutions Clive Facility</p> <p>EPA ID Number of receiving facility: UTD982598898</p>	<p>Off Site Management Method Code H 132</p>	<p>Total Quantity Shipped in 2017 26 pounds</p>
Site 2	<p>Name of receiving facility: _____</p> <p>EPA ID Number of receiving facility: _____</p>	<p>Off Site Management Method Code H _____</p>	<p>Total Quantity Shipped in 2017 _____ pounds</p>

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234,
 (2) (Item 9b of manifest) LIQUID/OXIDE, 30 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>22</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
--	--

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>PermaFix of Florida, Inc.</u>	H <u>121</u>	<u>22</u> pounds
	EPA ID Number of receiving facility: <u>FLD980711071</u>		
2	_____	H _____	_____ pounds
	EPA ID Number of receiving facility: _____		

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234,
 (2) (Item 9b of manifest) LIQUID/OXIDE, 30.4 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code (Specify other) *G <u>22</u> **H _____ **(For G25 only)	Form Code (Specify Other) <u>W 103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>22</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>PermaFix of Florida, Inc.</u> EPA ID Number of receiving facility: <u>FLD980711071</u>	<u>H 121</u>	<u>22</u> pounds
2	 Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code <u>H</u> _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

Commonwealth of Kentucky
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 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 CONCENTRATED NON-HALOGENATED (e.g. NON-CHLORINATED) SOLVENT FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (METHANOL), 3, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 F003

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>11</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>203</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>0</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: <u>TND982109142</u>	H <u>040</u>	<u>20</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 UN3287, WASTE TOXIC LIQUID, INORGANIC, N.O.S. (CUPRIC SULFATE), 6.1, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(D002)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 001	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	16 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 (1) (General) AND/OR UNUSED CHEMICALS OR PRODUCTS
UN1760, WASTE CORROSIVE LIQUIDS, N.O.S. (FORMIC ACID SOLUTION), 8, PG II
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
LABP(D002 U123)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) <u>*G 11 **H</u> **(For G25 only)	Form Code (Specify Other) <u>W 001</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>0</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) _____
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No** – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No** – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>PermaFix of Florida, Inc.</u> EPA ID Number of receiving facility: <u>FLD980711071</u>	<u>H 121</u>	<u>14</u> pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) UN2809, WASTE MERCURY, 8, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(U151)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>11</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>001</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>0</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) _____
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>EnergySolutions Clive Facility</u> EPA ID Number of receiving facility: <u>UTD982598898</u>	H <u>132</u>	<u>12</u> pounds
2	<u>_____</u> EPA ID Number of receiving facility: <u>_____</u>	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
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FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 ACIDIC AQUEOUS WASTES LESS THAN 5% ACID (DILUTED BUT PH <2) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>22</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>105</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>181</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) _____
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 BATTERIES, BATTERY PARTS, CORES, CASINGS FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT

(1) (General) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D002 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 16 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 309	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year <u>2755</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT

Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?

Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 CAUSTIC AQUEOUS WASTE WITHOUT CYANIDES (PH >12.5) FROM CLEANUP OF SPILL RESIDUES

(1) (General) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>32</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>110</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>448</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
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FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 CAUSTIC AQUEOUS WASTE WITHOUT CYANIDES (PH >12.5) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D002

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>22</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>110</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>30</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
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FORM 2 – Waste Generation and Management
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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 OTHER ORGANIC LIQUID FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) _____
 NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>219</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>72</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: RAD PSEUDOCUMENE

Commonwealth of Kentucky
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FORM 2 – Waste Generation and Management
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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D004 D006 D008 D010

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 219	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 324 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1 On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On-site Process System 2 On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds
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WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: ANTI-FREEZE / GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

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 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
D004 D010

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 219	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
--	---	--	--	--

Quantity Generated in Report Year <u>199</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: ANTI-FREEZE / GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

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Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 D002 D003 D009

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>19</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>219</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>18</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1 On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On-site Process System 2 On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds
---	---

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: PCB TEST KITS / GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
D001

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> <u>*G 19 **H</u> <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> <u>W 219</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>9</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: <u>H</u>	On Site Management Method Code: <u>H</u>
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	<u>H</u>	_____ pounds
2	EPA ID Number of receiving facility: _____	<u>H</u>	_____ pounds

Comments: ACETONE / GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

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Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
D002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 22 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 103	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	---	--	--	--

Quantity Generated in Report Year <u>31</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

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Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)

(1) (General) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D002 D007

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>22</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>103</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>18</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

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Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 VERY DILUTE AQUEOUS WASTE MORE THAN 99% WATER FROM LEACHATE COLLECTION (FROM LANDFILL OPERATIONS OR OTHER LAND UNITS)
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
F039

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) <u>*G 26 **H</u> **(For G25 only)	Form Code (Specify Other) <u>W 101</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>N</u>
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Quantity Generated in Report Year <u>14595</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

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Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 WASTE LIQUID MERCURY FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
D009

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 117	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>86</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D008 D018

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 16 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 206	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>2304</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 16 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 206	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>938</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 D018

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 16 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 206	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>608</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D018 D040

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 16 **H **(For G25 only)	Form Code (Specify Other) W 206	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>124</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 FILTERS, SOLID ABSORBENTS, ION EXCHANGE RESINS AND SPENT CARBON FROM OTHER REMEDIATION
 (1) (General) _____
 RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (SPENT ACTIVATED CARBON, CONTAINS
 (2) (Item 9b of manifest) TRICHLOROETHENE), 9, PG III

EPA Hazardous Waste Code(s)
 D040 F001 F002 U228

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 49 **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 310	Is this waste both hazardous and radioactive? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 27480 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Evoqua Water Technologies, LLC EPA ID Number of receiving facility: PAD987270725	H 039	27480 pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: REFERENCE FORM 1 BLOCK 13 / SENT OFF-SITE FOR TREATMENT AND CARBON RECOVERY

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Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 (2) (Item 9b of manifest) UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, RQ (PCB, D006), NP-237, PU-239, TC-99, TH-230, SOLID/OXIDE, 14470 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007 F001 F002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 307	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year <u>16500</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>Diversified Scientific Services, Inc. (DSSI)</u>	<u>H 141</u>	<u>16500</u> pounds
	EPA ID Number of receiving facility: <u>TND982109142</u>		
2	_____	Off Site Management Method Code <u>H</u> _____	Total Quantity Shipped in 2017 _____ pounds
	EPA ID Number of receiving facility: _____		

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 (2) (Item 9b of manifest) RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (PCB, D008), NP-237, PU-239, TH-230, SOLID/OXIDE, 1054 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007 D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 10170 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site 1	Name of receiving facility: EnergySolutions Clive Facility <hr/> EPA ID Number of receiving facility: UTD982598898	Off Site Management Method Code H 132	Total Quantity Shipped in 2017 10170 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 (2) (Item 9b of manifest) RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), 7 (PCB, F001), NP-237, TC-99, TH-230, U-234, SOLID/OXIDE, 2259 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 F001 F002

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 307	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 2868 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>EnergySolutions Clive Facility</u> EPA ID Number of receiving facility: <u>UTD982598898</u>	H 132	8038 pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D006, D008), NP-
 (2) (Item 9b of manifest) 237, PU-239, TH-230, U-234, SOLID/OXIDE, 18922 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007 D008 D010

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 7594 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	7594 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I), 7 (D009, D011), TC-99, U-234, U-235, U-238, SOLID/OXIDE, 25.4 MBQ, FISSILE EXCEPTED
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D007 D008 D009 D011

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 307	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 70 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	M&EC/PermaFix EPA ID Number of receiving facility: TNR000005397	H 110	4938 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D008, D010), NP-
 (2) (Item 9b of manifest) 237, PU-239, TH-230, U-234, SOLID/OXIDE, 9649 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007 D008 D010

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>19</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>002</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>4329</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site 1	Name of receiving facility: EnergySolutions Clive Facility <hr/> EPA ID Number of receiving facility: UTD982598898	Off Site Management Method Code H <u>132</u>	Total Quantity Shipped in 2017 _____ 4329 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008,
 (2) (Item 9b of manifest) D011), AM-241, PU-238, PU-239, TH-230, SOLID/OXIDE, 30275 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D007 D008 D011

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 3963 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Waste Control Specialists EPA ID Number of receiving facility: TXD988088464	H 132	3963 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (PCB, D008), NP-
 (2) (Item 9b of manifest) 237, PU-239, TH-230, SOLID/OXIDE, 313 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007 D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>19</u> **H _____ **(For G25 only)	Form Code (Specify Other) <u>W 002</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>3183</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site 1	Name of receiving facility: EnergySolutions Clive Facility <hr/> EPA ID Number of receiving facility: UTD982598898	Off Site Management Method Code H <u>132</u>	Total Quantity Shipped in 2017 _____ 3183 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 METAL BEARING SLUDGES NOT CONTAINING CYANIDES FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 (2) (Item 9b of manifest) RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D007, D008), AM-241, NP-237, PU-239, TH-230, SOLID/OXIDE, 8637 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D007 D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 505	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 3034 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>Diversified Scientific Services, Inc. (DSSI)</u> EPA ID Number of receiving facility: <u>TND982109142</u>	H 110	3034 pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**

CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 INTERMITTENT PROCESSES

(1) (General) _____

(2) (Item 9b of manifest) RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008, D011), AM-241, PU-238, PU-239, TH-230, SOLID/OXIDE, 2321 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D007 D008 D011

State Hazardous Waste Code (if applicable)	Source Code (Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 2938 _____ pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) _____
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site 1	Name of receiving facility: <u>Waste Control Specialists</u> EPA ID Number of receiving facility: <u>TXD988088464</u>	Off Site Management Method Code <u>H 132</u>	Total Quantity Shipped in 2017 2938 _____ pounds
Site 2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code <u>H</u> _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008, D011), 9, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D007 D008 D010 D011

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 2886 pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site 1	Name of receiving facility: M&EC/PermaFix <hr/> EPA ID Number of receiving facility: TNR000005397	Off Site Management Method Code H 110	Total Quantity Shipped in 2017 2886 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008,
 (2) (Item 9b of manifest) D011), AM-241, PU-238, PU-239, TH-230, SOLID/OXIDE, 30275 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D007 D008 D011

State Hazardous Waste Code (if applicable)	Source Code (Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>2584</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>Waste Control Specialists</u> EPA ID Number of receiving facility: <u>TXD988088464</u>	H 132	<u>2584</u> pounds
2	 Name of receiving facility: EPA ID Number of receiving facility: 	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 (2) (Item 9b of manifest) RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D009, D011), AM-241, NP-237, PU-239, TC-99, TH-230, SOLID/OXIDE, 1857.16 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007 D008 D009 D010 D011

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 307	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 2278 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site 1	Name of receiving facility: M&EC/PermaFix <hr/> EPA ID Number of receiving facility: TNR000005397	Off Site Management Method Code H 110	Total Quantity Shipped in 2017 2278 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 FILTERS, SOLID ABSORBENTS, ION EXCHANGE RESINS AND SPENT CARBON FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008,
 (2) (Item 9b of manifest) D011), AM-241, PU-238, PU-239, TH-230, SOLID/OXIDE, 2321 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D007 D008 D011

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 310	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>2178</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>Waste Control Specialists</u> EPA ID Number of receiving facility: <u>TXD988088464</u>	H 132	<u>2178</u> pounds
2	 Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 (2) (Item 9b of manifest) RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D007, D008), AM-237, NP-237, PU-239, TH-230, SOLID/OXIDE, 2388 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D007 D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 2154 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>PermaFix of Florida, Inc.</u> EPA ID Number of receiving facility: <u>FLD980711071</u>	H 110	2154 pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D009, D011), 9, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D008 D009 D011

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 2026 _____ pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) _____
---	---

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site 1	Name of receiving facility: M&EC/PermaFix <hr/> EPA ID Number of receiving facility: TNR000005397	Off Site Management Method Code H 110	Total Quantity Shipped in 2017 _____ 2026 _____ pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED AS A RESULT OF FACILITY/EQUIPMENT REPAIR OR REMOVAL

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 (2) (Item 9b of manifest) RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (D007, D008), NP-237, PU-239, TH-230, SOLID/OXIDE, 159 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007 D008

State Hazardous Waste Code (if applicable)	Source Code (Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
--	--	--	--	-------------------------------------

Quantity Generated in Report Year 1870 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>EnergySolutions Clive Facility</u> EPA ID Number of receiving facility: <u>UTD982598898</u>	H 132	1870 pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008),
 (2) (Item 9b of manifest) AM-241, NP-237, PU-239, TH-230, SOLID/OXIDE, 4199 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D007 D008

State Hazardous Waste Code (if applicable)	Source Code (Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 1472 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site 1	Name of receiving facility: M&EC/PermaFix <hr/> EPA ID Number of receiving facility: TNR000005397	Off Site Management Method Code H 110	Total Quantity Shipped in 2017 1472 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 (2) (Item 9b of manifest) RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D009, D011), AM-241, NP-237, PU-239, TC-99, TH-230, SOLID/OXIDE, 558.91 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D008 D009 D011

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>1260</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>M&EC/PermaFix</u> EPA ID Number of receiving facility: <u>TNR000005397</u>	H 110	<u>1260</u> pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF FACILITY/EQUIPMENT REPAIR OR REMOVAL

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008, D009), 9, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D008 D009

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H _____ **(For G25 only)	Form Code (Specify Other) W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 858 _____ pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) _____
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	M&EC/PermaFix EPA ID Number of receiving facility: TNR000005397	H 110	860 _____ pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED AS A RESULT OF BULB CHANGE-OUT/REPLACEMENT

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D006, D007), AM-
 (2) (Item 9b of manifest) 241, NP-237, PU-239, TH-230, SOLID/OXIDE, 1646 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>525</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>M&EC/PermaFix</u> EPA ID Number of receiving facility: <u>TNR000005397</u>	H 110	<u>525</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 COMPRESSED GASES FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 UN1950, WASTE AEROSOLS FLAMMABLE (EACH NOT EXCEEDING 1 L CAPACITY), 2.1
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 D003

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 801	Is this waste both hazardous and radioactive? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Waste Minimization code A
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 366 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Clean Harbors El Dorado, LLC EPA ID Number of receiving facility: ARD069748192	H 040	502 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), 7
 (2) (Item 9b of manifest) (D010), NP-237, TC-99, U-234, SOLID/OXIDE, 46 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D010

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>452</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	<u>452</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008), 9, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
--	--	---	--	-------------------------------------

Quantity Generated in Report Year 416 pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	416 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (ASBESTOS, D008), 9, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>0</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>EnergySolutions Clive Facility</u> EPA ID Number of receiving facility: <u>UTD982598898</u>	H 132	<u>303</u> pounds
2	 Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 FILTERS, SOLID ABSORBENTS, ION EXCHANGE RESINS AND SPENT CARBON FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008,
 (2) (Item 9b of manifest) D011), AM-241, PU-238, PU-239, TH-230, SOLID/OXIDE, 30275 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D007 D008 D011

State Hazardous Waste Code (if applicable)	Source Code (Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 310	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 232 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Waste Control Specialists EPA ID Number of receiving facility: TXD988088464	H 132	232 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D008, D010), AM-
 (2) (Item 9b of manifest) 241, PU-239, TH-230, U-234, SOLID/OXIDE, 322 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007 D008 D010

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>169</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
---	--

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site 1	Name of receiving facility: PermaFix of Florida, Inc. <hr/> EPA ID Number of receiving facility: FLD980711071	Off Site Management Method Code H 110	Total Quantity Shipped in 2017 _____ 169 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 DRIED PAINT (PAINT CHIPS, FILTERS, AIR FILTERS, OTHER) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 (2) (Item 9b of manifest) RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (D006, D007), AM-241, NP-237, PU-239, TH-230, SOLID/OXIDE, 10 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 406	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>92</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>EnergySolutions Clive Facility</u> EPA ID Number of receiving facility: <u>UTD982598898</u>	H <u>132</u>	<u>167</u> pounds
2	 Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 BATTERIES, BATTERY PARTS, CORES, CASINGS FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT

(1) (General) _____

UN2910, WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL,

(2) (Item 9b of manifest) 7

EPA Hazardous Waste Code(s)

D003

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 16 **H **(For G25 only)	Form Code (Specify Other) W 309	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year
115 pounds

Enter the value used to convert this waste to pounds
 (Leave blank if waste amount is already listed in pounds)

ON SITE MANAGEMENT

Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s)

No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1

On Site Management Method Code: **H** _____

Quantity treated, recycled, disposed: (Circle one)
 _____ pounds

On-site Process System 2

On Site Management Method Code: **H** _____

Quantity treated, recycled, disposed: (Circle one)
 _____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?

Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	<u>150</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008), 9, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> <u>*G 19 **H</u> <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> <u>W 002</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>91</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>EnergySolutions Clive Facility</u> EPA ID Number of receiving facility: <u>UTD982598898</u>	<u>H 132</u>	<u>91</u> pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 (1) (General) INTERMITTENT PROCESSES
 RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (PCB), AM-241,
 (2) (Item 9b of manifest) NP-237, PU-239, TH-230, SOLID/OXIDE, .46 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D007

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 30 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site 1	Name of receiving facility: M&EC/PermaFix <hr/> EPA ID Number of receiving facility: TNR000005397	Off Site Management Method Code H 110	Total Quantity Shipped in 2017 30 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 UN1479, WASTE OXIDIZING SOLID, N.O.S., 5.1, PG II
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(D001 D007)

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 11 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 001	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	26 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 UN1479, WASTE OXIDIZING SOLID, N.O.S., 5.1, PG II
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(D001)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 001	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	22 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 (2) (Item 9b of manifest) RQ, UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D008, D011), NP-237, PU-239, TC-99, TH-230, U-234, SOLID/OXIDE, 15 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D008 D011

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 307	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>EnergySolutions Clive Facility</u>	H 132	21 pounds
	EPA ID Number of receiving facility: <u>UTD982598898</u>		
2	_____	H _____	_____ pounds
	EPA ID Number of receiving facility: _____		

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) _____
 (2) (Item 9b of manifest) RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), 7 (8,6.1), (D009), NP-237, TC-99, U-234, U-235, U-238, SOLID/OXIDE, 35 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
D009

State Hazardous Waste Code (if applicable)	Source Code (Specify other) *G <u>19</u> **H _____ **(For G25 only)	Form Code (Specify Other) <u>W 320</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>13</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
--	--

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site 1	Name of receiving facility: EnergySolutions Clive Facility <hr/> EPA ID Number of receiving facility: UTD982598898	Off Site Management Method Code H <u>132</u>	Total Quantity Shipped in 2017 _____ 18 pounds
Site 2	Name of receiving facility: _____ <hr/> EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 UN1479, WASTE OXIDIZING SOLID, N.O.S., 5.1, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(D001)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 001	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	16 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

Commonwealth of Kentucky
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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 UN3190, WASTE SELF-HEATING SOLID, INORGANIC N.O.S., 4.2, PG II
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(D001 D003)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 001	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
--	--

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 040	16 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

Commonwealth of Kentucky
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EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 UN3288, WASTE TOXIC SOLID, INORGANIC, N.O.S. (BARIUM CHLORIDE DIHYDRATE, MERCURIC
 (2) (Item 9b of manifest) IODIDE), 6.1, PG II

EPA Hazardous Waste Code(s)
 LABP(D004 D005 D009)

State Hazardous Waste Code (if applicable)	Source Code (Specify other) *G <u>11</u> **H _____ **(For G25 only)	Form Code (Specify Other) <u>W 001</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	---	---	--	--

Quantity Generated in Report Year <u>0</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>EnergySolutions Clive Facility</u>	<u>H 132</u>	<u>16</u> pounds
	EPA ID Number of receiving facility: <u>UTD982598898</u>		
2	_____	Off Site Management Method Code <u>H</u> _____	Total Quantity Shipped in 2017 _____ pounds
	EPA ID Number of receiving facility: _____		

Comments: NA

Commonwealth of Kentucky
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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) _____
 UN3506, WASTE MERCURY (CONTAINED IN MANUFACTURED ARTICLES), 8 (6.1), PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D009

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 320	Is this waste both hazardous and radioactive? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 15 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Clean Harbors El Dorado, LLC EPA ID Number of receiving facility: ARD069748192	H 141	15 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 UN2811, WASTE TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(D005 D008 U144)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 001	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	14 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid

LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS OR PRODUCTS

(1) (General) UN3135, WASTE WATER-REACTIVE SOLID, SELF HEATING, N.O.S., 4.3 (4.2), PG I

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

LABP(D001 D003)

State Hazardous Waste Code
(if applicable)

Source Code
*(Specify other)
*G 11 **H
**(For G25 only)

Form Code
(Specify Other)
W 001

Is this waste both hazardous and radioactive?
 Yes
 No

Waste Minimization code
X

Quantity Generated in Report Year
0 pounds

Enter the value used to convert this waste to pounds
(Leave blank if waste amount is already listed in pounds)

ON SITE MANAGEMENT

Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s)

No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1

On Site Management Method Code: H

Quantity treated, recycled, disposed: (Circle one)
_____ pounds

On-site Process System 2

On Site Management Method Code: H

Quantity treated, recycled, disposed: (Circle one)
_____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?

Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 110	<u>14</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 LAB PACKS CONTAINING ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 UN2811, WASTE TOXIC SOLIDS, ORGANIC, N.O.S. (CONTAINS SODIUM CYANIDE AND POTASSIUM
 (2) (Item 9b of manifest) CYANIDE), 6.1, PG I

EPA Hazardous Waste Code(s)
 LABP(D003 P098 P106)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 004	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 040	12 pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(D005 D007 D011)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 001	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	12 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 (1) (General) AND/OR UNUSED CHEMICALS OR PRODUCTS
UN3085, WASTE OXIDIZING SOLID, CORROSIVE, N.O.S. (PHOSPHOMOLYBDIC ACID), 5.1 (8), PG III
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(D001)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 001	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
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Quantity Generated in Report Year <u>0</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	<u>EnergySolutions Clive Facility</u>	<u>H 132</u>	<u>12</u> pounds
	EPA ID Number of receiving facility: <u>UTD982598898</u>		
2	_____	Off Site Management Method Code <u>H</u> _____	Total Quantity Shipped in 2017 _____ pounds
	EPA ID Number of receiving facility: _____		

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,
 AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) _____
 UN3089, WASTE METAL POWDERS, FLAMMABLE, N.O.S., 4.1, PG II
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(D001)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 001	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code X
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Quantity Generated in Report Year 0 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 110	12 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2017 _____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 BATTERIES, BATTERY PARTS, CORES, CASINGS FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT

(1) (General) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D006

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 16 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 309	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 220 pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT

Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?

Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 BATTERIES, BATTERY PARTS, CORES, CASINGS FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT

(1) (General) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 16 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 309	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
--	--	---	--	-------------------------------------

Quantity Generated in Report Year 30 pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT

Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?

Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 COMPRESSED GASES FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS OR PRODUCTS
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 D003

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 801	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 548 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D007

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 5422 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility:	H _____	_____ pounds
2	EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 4510 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D007 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>740</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
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EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D008 D018

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
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Quantity Generated in Report Year 302 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D007 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
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Quantity Generated in Report Year <u>120</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
---	---

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D007 D008 D010

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year <u>112</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
---	---

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR
 INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 F001 F002

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 002	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year <u>44</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
--	---

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 DRIED PAINT (PAINT CHIPS, FILTERS, AIR FILTERS, OTHER) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D007 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 406	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	--	---	--	--

Quantity Generated in Report Year <u>90</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
--	---

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D008 D009 D011

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 11184 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D008 D009

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 3336 pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
---	--

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D008

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
--	--	---	--	-------------------------------------

Quantity Generated in Report Year 1804 pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF FACILITY/EQUIPMENT REPAIR OR REMOVAL

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D008 D011

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year <u>135</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
---	---

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D003 D006 D008 D009

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year <u>94</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
--	---

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF BULB CHANGE-OUT/REPLACEMENT

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D009

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 320	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
--	--	---	--	-------------------------------------

Quantity Generated in Report Year 40 pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
---	---

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF FACILITY/EQUIPMENT REPAIR OR REMOVAL

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 FILTERS, SOLID ABSORBENTS, ION EXCHANGE RESINS AND SPENT CARBON FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D008 D018

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 16 **H **(For G25 only)	Form Code (Specify Other) W 310	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	---	--	--	--

Quantity Generated in Report Year <u>598</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
---	--

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 **Agency Interest Number** 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: **Liquid** **Solid**
 LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 LABP(D007 D008)

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>22</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>001</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>X</u>
--	--	--	--	--

Quantity Generated in Report Year <u>15</u> pounds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)
--	--

ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) **No – Skip to WASTE SHIPPED OFF SITE**

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds	On Site Management Method Code: H _____ Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. **No – Form is complete.**

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY8-890-008-982 Agency Interest Number 3059

Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

Waste Description (See instructions.) Check one: Liquid Solid
 METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES
 (1) (General) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 19 **H <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W 307	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year <u>13660</u> pounds	Enter the value used to convert this waste to pounds <small>(Leave blank if waste amount is already listed in pounds)</small>
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ON SITE MANAGEMENT
 Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.
 Yes – Complete On-site Process System block(s) No – Skip to WASTE SHIPPED OFF SITE

On-site Process System 1	On-site Process System 2
On Site Management Method Code: H _____	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) _____ pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE
 Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?
 Yes – Continue completing this form and Form 4. No – Form is complete.

Site	Name of receiving facility:	Off Site Management Method Code	Total Quantity Shipped in 2017
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

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ENCLOSURE 7

**2017 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN,
AND CLAIM FOR EXCLUSION FOR THE
PADUCAH GASEOUS DIFFUSION PLANT,
MCCRACKEN COUNTY, KENTUCKY,
PERMIT NUMBER KY8-890-008-982**

FORM 4 – SUMMARY OF WASTE SHIPPED OFF SITE

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Commonwealth of Kentucky
2017 Hazardous Waste Annual Report
FORM 4 – Summary of Waste Shipped Off Site

EPA ID Number KY8-890-008-982Agency Interest Number 3059Site Name (Exactly as on Registration) U.S. DOE Paducah Gaseous Diffusion Plant

List all receiving facilities. List each facility only once.	Total Number of Manifested Shipments	Total Pounds Shipped for reporting year	
EPA ID Number <u>ARD-069-748-192</u> Facility Name <u>Clean Harbors EI Dorado, LLC</u>	2	517	
EPA ID Number <u>TND-982-109-142</u> Facility Name <u>Diversified Scientific Services, Inc. (DSSI)</u>	8	20,948	
EPA ID Number <u>UTD-982-598-898</u> Facility Name <u>EnergySolutions Clive Facility</u>	18	56,957	
EPA ID Number <u>PAD-987-270-725</u> Facility Name <u>Evoqua Water Technologies, LLC</u>	2	27,480	
EPA ID Number <u>TNR-000-005-397</u> Facility Name <u>M&EC/PermaFix</u>	3	17,032	
EPA ID Number <u>FLD-980-711-071</u> Facility Name <u>PermaFix of Florida, Inc.</u>	6	4,213	
EPA ID Number <u>TXD-988-088-464</u> Facility Name <u>Waste Control Specialists</u>	1	11,895	
Total	40	139,042	
List all primary transporters. List each primary transporter only once. Do not list secondary transporters.	Total Number of Manifested Shipments	Total Pounds Shipped for reporting year	Container Types
EPA ID Number <u>COR-000-005-389</u> Transporter Name <u>CAST Transportation</u>	34	116,328	CF, DF, DM, TP, TT
EPA ID Number <u>MAD-039-322-250</u> Transporter Name <u>Clean Harbors Environmental Services, Inc.</u>	2	517	DM
EPA ID Number <u>TNR-000-034-686</u> Transporter Name <u>Hittman Transport Services, Inc.</u>	4	22,197	CM, DM
Total	40	139,042	CF, CM, DF, DM, TP, TT

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