



Fluor Federal Services, Inc.
Paducah Deactivation Project
P.O. Box 369
Kevil, KY 42053
USA

February 24, 2017

FPAD-17-2516

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

Dear Ms. Greer:

2016 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) 2016 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 2016 in accordance with condition III.E.17 of our permit.

A check in the amount of \$959.41 is enclosed for waste generated in CY 2016 that subsequently was treated, stored, or disposed of.

If you have any questions or require additional information, please contact me at (270) 441-6412.

Sincerely,

Bobby D. Smith
Program Manager

Enclosures:

1. Certification Page
2. Hazardous Waste Assessment Return
3. Claim for Exclusion
4. Summary of Noncompliance
5. 2016 Annual Hazardous Waste Report Form 1
6. 2016 Annual Hazardous Waste Report Form 2
7. 2016 Annual Hazardous Waste Report Form 4
8. Check in the amount of \$959.41

cc w/enclosures:

Boyd County Judge/Executive
McCracken County Judge/Executive

e-copy:

J. Woodard, DOE/PAD
K. Knerr, DOE/PAD
M. Redfield, FPDP/PAD

**2016 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

**2016 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: 2016 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 the U.S. Department of Energy (DOE), effective 12:01 a.m. on July 26, 2015, Fluor Federal Services, Inc. (FFS) is responsible for performing RCRA generator requirements on behalf of both FFS and DOE for all activities under the scope of FFS's task order. For purposes of the certification described in 401 KAR 38.070 § 7(4) and 40 CFR § 270.11, DOE and FFS representatives are certifying, to the best of their knowledge and belief, the truth, accuracy, and completeness of the 2016 Annual Hazardous Waste Report, Assessment Return, and Claim for Exclusion from the Hazardous Waste Assessment for the Paducah Gaseous Diffusion Plant for their respective areas of responsibility consistent with the Co-Generator Agreement dated July 16, 2015.

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 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.

Fluor Federal Services, Inc.



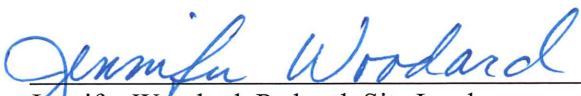
Bobby D. Smith, Program Manager

2/23/2017

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 ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or 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

2/23/2017

Date Signed

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ENCLOSURE 2

**2016 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, 2016

Return BEFORE March 1, 2017. Late fees apply to Assessments date stamped by the Branch after March 1, 2017.
 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: Bobby D. Smith		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, 2016	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	181,440	\$0.002 (if 2a)	\$ 362.88
2b. <i>Solid hazardous waste burned off-site for energy recovery in an industrial boiler or furnace</i>	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. <i>Solid hazardous waste burned on-site for energy recovery in an industrial boiler or furnace</i>	0	\$0.0005 (if 3b)	\$ 0
4a. Liquid hazardous waste generated and destined for disposal off-site	49,711	\$0.012 (if 4a)	\$ 596.53
4b. <i>Liquid hazardous waste burned off-site for energy recovery in an industrial boiler or furnace</i>	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. <i>Liquid hazardous waste burned on-site for energy recovery in an industrial boiler or furnace</i>	0	\$0.003 (if 5b)	\$ 0
6. Waste excluded from all Exclusions Forms	2,392		
7. SUBTOTAL			\$ 959.41
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)			\$ 959.41

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 (use blue ink)

Bobby D. Smith, Fluor Federal Services, Inc., Program Manager
 Name and Title

2/23/2017
 Date

Hazardous Waste Assessment Return for 2016

Schedule I

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 2016

Schedule II

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 2016

Schedule III

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

Solid hazardous waste generated and sent off-site	181,440	pounds
Solid hazardous waste generated and treated, recycled, or disposed of on-site	0	pounds
Liquid hazardous waste generated and sent off-site	49,711	pounds ¹
Liquid hazardous waste generated and treated, recycled, or disposed of on-site	0	pounds ²

¹ This amount excludes 958 pounds of waste oil, which is included on the Claim for Exclusion from the Hazardous Waste Assessment for January—December 2016. The oil is shipped off-site for thermal treatment.

² This amount excludes 1,434 pounds of wastewater disposed of at a Kentucky Pollutant Discharge Elimination outfall, which is included on the Claim for Exclusion from the Hazardous Waste Assessment for January—December 2016.

ENCLOSURE 3

**2016 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 2016

Return to Hazardous Waste Branch, 300 Sower Blvd., 2nd Floor, Frankfort KY 40601 BEFORE **March 1, 2017** 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: Bobby D. Smith	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.

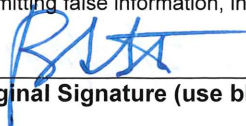
- Waste Oil
- Special Waste
- Spent material from air pollution control emissions at coke manufacturing facilities
- Secondary handler receiving waste from Kentucky generators
- Waste subject to Section 402 of the Clean Water Act sent to a KPDES outfall
- Waste subject to Section 307B of the Clean Water 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 2016 consists of oil drained from equipment being decommissioned or serviced. All of this oil will be or has been 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 D018	958	Liquid	Yes

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.


Bobby D. Smith, Fluor Federal Services, Inc., Program Manager
2/23/2017
Original Signature (use blue ink) **Name and Title** **Date**

ENCLOSURE 4

**2016 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 second Permit Condition III.E.17, of Hazardous Waste 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 2016.

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ENCLOSURE 5

**2016 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 2 nd Floor Frankfort, KY 40601	Commonwealth of Kentucky Department for Environmental Protection 2016 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: 5501 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: Bobby MI: D Last Name: Smith <hr/> Phone Number: (270) 441-6412 Phone Number Extension: N/A <hr/> E-Mail Address: bob.smith@ffspaducah.com <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: Fluor Federal Services, Inc. <hr/> Date Became Operator (mm/dd/yyyy): 07/26/2015 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	D027	D029	D030	D032	D033	D034	D035	D036
D038	D040	D042	F001	F002	F003	F005	F039	P022	P098
P106	U080	U112	U123	U144	U151	U154	U188	U196	U220
U226	U228	U239							

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. (N001, N002, and N003. 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									

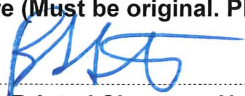
13. Comments (Additional Information that will clarify any item in this report.)

This report includes 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. Please sign in blue ink):



B. Date Signed: (mm/dd/yyyy)

02/23/2017

C. Typed or Printed Signatory Name:

Bobby D. Smith

D. Official Title of Signatory:

Fluor Federal Services, Inc., Program Manager

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ENCLOSURE 6

**2016 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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 LEACHATE COLLECTION (FROM LANDFILL OPERATIONS OR OTHER LAND UNITS)

(1) (General) _____

RQ, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (F039), 9, PG III, (F039)

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

F039

State Hazardous Waste Code (if applicable)	Source Code (Specify other) *G <u>26</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>101</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>N</u>
--	---	--	--	--

Quantity Generated in Report Year
17976 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 2016 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 2016
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	_____ 27150 _____ pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 REMEDIATION

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

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 F001 F002 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>101</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>N</u>
--	--	--	--	--

Quantity Generated in Report Year <u>13032</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 2016 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 <hr/>	Off Site Management Method Code H <u>132</u>	Total Quantity Shipped in 2016 _____ 13032 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 2016 _____ pounds

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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. (LEAD ACID BATTERY FLUID),

(2) (Item 9b of manifest) 8 (D002, D008), PG II

EPA Hazardous Waste Code(s)

D002 D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>16</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>A</u>
--	--	--	--	--

Quantity Generated in Report Year
3640 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 2016 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 2016
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H <u>132</u>	_____ 4644 _____ pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 REMEDIATION

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

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D029 F001 F002 U226 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>101</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>N</u>
--	--	--	--	--

Quantity Generated in Report Year <u>3422</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 2016 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 2016
1	<u>EnergySolutions Clive Facility</u>	H <u>132</u>	<u>3422</u> pounds
	EPA ID Number of receiving facility: <u>UTD982598898</u>		
2	_____	H _____	_____ pounds
	EPA ID Number of receiving facility: _____		

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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**
 OIL-WATER EMULSION OR MIXTURE FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) _____
 RQ, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (D007, D008), 9, PG III, (PCB, D007)

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D006 D007 D008 D009 D011 D027 D030 D032 D033 D034 D036 D038 D042

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H _____ **(For G25 only)	Form Code (Specify Other) W 205	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code C
--	---	--	--	-------------------------------------

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 2016 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 2016
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 040	1406 _____ pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF PCB VENT DUCT OIL COLLECTION FROM ACTIVE FACILITIES

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 CLOSURE OF HAZARDOUS WASTE MGT UNIT
 UNDER KY HAZ WASTE PROGRAM

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

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

F001 F002 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>41</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>101</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>N</u>
--	--	--	--	--

Quantity Generated in Report Year <u>1050</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 2016 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 2016
1	<u>PermaFix of Florida, Inc.</u>	H <u>061</u>	<u>1050</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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 REMEDIATION

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

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D040 F001 F002 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>101</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>N</u>
--	--	--	--	--

Quantity Generated in Report Year <u>390</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 2016 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 2016
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H_061	<u>390</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 HALOGENATED (e.g. CHLORINATED) SOLVENT FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS OR PRODUCTS

(1) (General) UN2810, WASTE TOXIC LIQUIDS, ORGANIC, N.O.S., 6.1, PG III

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

U080

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 202	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>272</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 2016 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 2016
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	<u>272</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 OTHER REMEDIATION

(1) (General) _____

(2) (Item 9b of manifest) RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I), 7 (RQ (D008)), NP-237, TC-99, TH-230, U-234, SOLID/OXIDE, 0.4 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D002 D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) <u>*G 49 **H</u> **(For G25 only)	Form Code (Specify Other) <u>W 309</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 <u>242</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 2016 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 2016
1	<u>EnergySolutions Clive Facility</u>	H <u>132</u>	<u>242</u> pounds
	EPA ID Number of receiving facility: <u>UTD982598898</u>		
2	_____	H _____	_____ pounds
	EPA ID Number of receiving facility: _____		

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 OTHER ONE-TIME OR
 INTERMITTENT PROCESSES

(1) (General) _____

UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (SULFURIC ACID RESIDUALS), 8,

(2) (Item 9b of manifest) PG II

EPA Hazardous Waste Code(s)

D002

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Code (Specify Other) W 105	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
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 2016 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 2016
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H 121	<u>238</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 REMEDIATION

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

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 49 **H **(For G25 only)	Form Code (Specify Other) W 219	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 214 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 2016 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 2016
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H 141	214 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: ANTI-FREEZE / REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) _____

RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., 3, PG II, RQ(D001, D038)

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D001 D038 P022 U112 U154 U196 U220 U239

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 11 **H **(For G25 only)	Form Code (Specify Other) W 203	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 202 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 2016 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 2016
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	202 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 REMEDIATION

(1) (General) _____

RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (D001, D018), 3, PG II, (D001, D018)

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D001 D018

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>206</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 <u>198</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 2016 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 2016
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 050	<u>198</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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. (D001, D018), 3, PG II, (D001, D018)

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D001 D018

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **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 A
--	---	--	--	-------------------------------------

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 2016 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 2016
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 050	186 _____ pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

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

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 REMEDIATION

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

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 F001 F002 U226 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</u> **H _____ **(For G25 only)	Form Code (Specify Other) W <u>101</u>	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>N</u>
--	--	--	--	--

Quantity Generated in Report Year <u>98</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 2016 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 2016
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 040	<u>98</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (D006, D008), 9, PG III, (D006, D008)

(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 206	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 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 2016 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 2016
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 040	76 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (CONTAINS HYDRAULIC OIL), 9, PG III (PCB)

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D006 D007 D008 D009 D011 D027 D030 D032 D033 D034 D036 D038 D042

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **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>A</u>
--	--	---	--	--

Quantity Generated in Report Year <u>46</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 2016 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 2016
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H 141	<u>46</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

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

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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 REMEDIATION

(1) (General) _____
 RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (METHANOL, TRICHLOROETHYLENE), 3, RQ

(2) (Item 9b of manifest) (PCB), PG II

EPA Hazardous Waste Code(s)
 D001 F001 F002 F003 U228

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>49</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> W <u>101</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 <u>37</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 2016 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 2016
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H <u>141</u>	<u>37</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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) _____

UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (D001, D018), 3, PG II

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D001 D018

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **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 A
--	---	--	--	-------------------------------------

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 2016 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 2016
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 050	24 pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

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

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) _____

(2) (Item 9b of manifest) RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7, PCB, U-234, LIQUID/OXIDE

EPA Hazardous Waste Code(s)

D002 D007 D010 F001 F002 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 22 **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>
--	--	---	--	--

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)
---	--

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 2016 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 2016
1	<u>PermaFix of Florida, Inc.</u> EPA ID Number of receiving facility: <u>FLD980711071</u>	H 141	<u>22</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 LIQUID MERCURY FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) _____
 RQ, UN2923, WASTE CORROSIVE SOLIDS, TOXIC, N.O.S (MERCURY), 8 (6.1), PG III

(2) (Item 9b of manifest) _____

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) W <u>117</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 <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 _____	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 2016 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 2016
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H <u>132</u>	<u>22</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

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

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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 OTHER REMEDIATION

(1) (General) _____

UN1759, WASTE CORROSIVE SOLIDS, N.O.S. (CONTAINS ZINC CHLORIDE, ANHYDROUS), 8 (7), PG III,

(2) (Item 9b of manifest) LIMITED QUANTITY RADIOACTIVE MATERIAL

EPA Hazardous Waste Code(s)

D002

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</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
18 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 2016 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 2016
1	Diversified Scientific Services, Inc. (DSSI) EPA ID Number of receiving facility: TND982109142	H 040	<u>18</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) _____
 UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (METHYL ETHYL KETONE), 3, PG II

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 D035 F003 F005

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Waste Minimization code A
--	---	--	--	-------------------------------------

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 2016 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 2016
1	Clean Harbors Deer Park, LLC EPA ID Number of receiving facility: TXD055141378	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 2016 _____ pounds

Comments: MISCELLANEOUS DISCARDED PRODUCTS GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 *(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 A
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 7083 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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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) NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 F003 U154

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>
--	--	--	--	--

Quantity Generated in Report Year <u>20</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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D002 D004 D005 D006 D007 D008 U123 U151

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 <u>X</u>
--	--	---	--	--

Quantity Generated in Report Year <u>194</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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
D008

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) <u>*G 01 **H</u> **(For G25 only)	Form Code (Specify Other) <u>W 113</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>65</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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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 OTHER ONE-TIME OR INTERMITTENT PROCESSES

(1) (General) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

F001 F002 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 19 **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 A
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 1434 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 <u>135</u>	On Site Management Method Code: H _____
Quantity treated, recycled, disposed: (Circle one) 1434 pounds	Quantity treated, recycled, disposed: (Circle one) _____ pounds

WASTE SHIPPED OFF SITE

Was any of this waste shipped off site in 2016 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 2016
1	EPA ID Number of receiving facility:	H _____	_____ pounds
2	EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: GENERATED AS A RESULT OF MONITORING WELL INSTALLATION, WELL REHABILITATION, AND ENVIRONMENTAL MONITORING/SAMPLING OF GROUND WATERS

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
D001

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>
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Quantity Generated in Report Year <u>88</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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: PETROLEUM PRODUCT

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 D002

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 <u>X</u>
--	---	--	--	--

Quantity Generated in Report Year <u>296</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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: CALCOZINE RODAMINE DYE

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) NA

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

D001

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 209	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>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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) 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>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>292</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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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) 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 103	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>824</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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) 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 101	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code <u>N</u>
--	--	---	--	--

Quantity Generated in Report Year
37 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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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 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>5</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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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) 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 206</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>760</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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), 7 (PCB, F001), NP-237, PU-239, TC-99, TH-230, SOLID/OXIDE, 26580 MBQ, FISSILE EXCEPTED

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>
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Quantity Generated in Report Year
91400 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 2016 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 2016
1	<u>EnergySolutions Clive Facility</u>	H <u>132</u>	<u>91400</u> 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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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. (CONTAINS TRICHLOROETHYLENE), 9, PG III,

(2) (Item 9b of manifest) (D040, F001)

EPA Hazardous Waste Code(s)

D040 F001 F002 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</u> **H _____ **(For G25 only)	Form Code (Specify Other) <u>W 310</u>	Is this waste both hazardous and radioactive? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Waste Minimization code <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year
29340 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 2016 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 2016
1	Calgon Carbon Corporation EPA ID Number of receiving facility: KYD005009923	H 039	_____ 29340 _____ pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: REFERENCE FORM 1 BLOCK 13 / THERMALLY TREATED FOR REUSE

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 CLOSURE OF HAZARDOUS WASTE MGT UNIT UNDER KY HAZ WASTE PROGRAM

(1) (General) _____

(2) (Item 9b of manifest) RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), 7, TC-99, U-234, SOLID/OXIDE, (F001, F002), 5504 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)

F001 F002 U228

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G 41 **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 N
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Quantity Generated in Report Year 28754 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 2016 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 2016
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	28754 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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-I), 7, TC-99, SOLID/OXIDE, (D008), 348 MBQ, FISSILE EXCEPTED

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 307	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>4754</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 2016 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 2016
1	<u>EnergySolutions Clive Facility</u>	H 132	<u>4754</u> 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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (D009, D011), TC-99, SOLID/OXIDE, 43 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D006 D007 D008 D009 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 307	Is this waste both hazardous and radioactive? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code N
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Quantity Generated in Report Year 2996 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 2016 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 2016
1	<u>EnergySolutions Clive Facility</u>	H 132	3796 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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 CLEANUP OF SPILL RESIDUES

(1) (General) _____

RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (TRICHLOROETHYLENE), 9, PG III, (F039)

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

F039

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>32</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>8</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 2016 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 2016
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H <u>132</u>	<u>3188</u> pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I), 7, TC-99, SOLID/OXIDE, (D008, PCB), 173 MBQ, FISSILE EXCEPTED

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
--	--	--	--	-------------------------------------

Quantity Generated in Report Year 2522 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 2016 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 2016
1	<u>EnergySolutions Clive Facility</u> EPA ID Number of receiving facility: <u>UTD982598898</u>	H 132	2522 pounds
2	_____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 OTHER REMEDIATION

(1) (General) _____

(2) (Item 9b of manifest) RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (PCB), NP-237, PU-239, TC-99, TH-228, TH-230, LIQUID/OXIDE, 150 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D029 F001 F002 U226 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</u> **H _____ **(For G25 only)	Form Code (Specify Other) <u>W 609</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 <u>2220</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 2016 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 2016
1	<u>Diversified Scientific Services, Inc. (DSSI)</u> EPA ID Number of receiving facility: <u>TND982109142</u>	<u>H 110</u>	<u>2220</u> pounds
2	<u>_____</u> EPA ID Number of receiving facility: <u>_____</u>	<u>H</u> _____	_____ pounds

Comments: SLUDGE OR SLURRY GENERATED DURING DECONTAMINATION EFFORTS / REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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) _____
 UN3260, WASTE CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (SULFURIC ACID RESIDUALS), 8, PG

(2) (Item 9b of manifest) II

EPA Hazardous Waste Code(s)

D002

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

Quantity Generated in Report Year <u>2123</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: <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 2016 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 2016
1	<u>PermaFix of Florida, Inc.</u>	<u>H 121</u>	<u>2123</u> pounds
	EPA ID Number of receiving facility: <u>FLD980711071</u>		
2	_____	Off Site Management Method Code <u>H</u>	Total Quantity Shipped in 2016 _____ pounds
	EPA ID Number of receiving facility: _____		

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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, FLUORESCENT 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-I), 7 (D009, D011), TC-99, SOLID/OXIDE, 19 MBQ, FISSILE EXCEPTED

EPA Hazardous Waste Code(s)
 D005 D006 D007 D008 D009 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 <u>N</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>
---	---

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 2016 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 2016
1	<u>EnergySolutions Clive Facility</u>	H <u>132</u>	<u>1586</u> pounds
	EPA ID Number of receiving facility: <u>UTD982598898</u>		
2	_____	H _____	_____ pounds
	EPA ID Number of receiving facility: _____		

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

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 REMEDIATION

(1) (General) _____
 UN2910, WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

F001 F002 U226 U228

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> *G <u>49</u> **H _____ <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> 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>
--	---	--	--	--

Quantity Generated in Report Year <u>1410</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 2016 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 2016
1	<u>EnergySolutions Clive Facility</u>	H <u>132</u>	<u>1410</u> pounds
	EPA ID Number of receiving facility: <u>UTD982598898</u>		
2	_____	H _____	_____ pounds
	EPA ID Number of receiving facility: _____		

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 REMEDIATION

(1) (General) _____

NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (TRICHLOROETHYLENE, PCB), 9, PG III

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)

F001 F002 U226 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</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>
--	--	--	--	--

Quantity Generated in Report Year <u>1228</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 2016 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 2016
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H <u>132</u>	_____ pounds <u>1228</u>
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 1L 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
355 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 2016 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 2016
1	Clean Harbors El Dorado, LLC EPA ID Number of receiving facility: ARD069748192	H 040	733 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) _____
 NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (TRICHLOROETHYLENE), 9, PG III

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D040 F001 F002 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</u> **H _____ **(For G25 only)	Form Code (Specify Other) <u>W 310</u>	Is this waste both hazardous and radioactive? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Waste Minimization code <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year <u>528</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 2016 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 2016
1	Clean Harbors Deer Park, LLC EPA ID Number of receiving facility: TXD055141378	H 040	<u>528</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) _____
 NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (CONTAINS TRICHLOROETHYLENE), 9, PG III

(2) (Item 9b of manifest) _____

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Waste Minimization code A
--	--	---	--	-------------------------------------

Quantity Generated in Report Year 507 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 2016 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 2016
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H 141	507 pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	H _____	_____ pounds

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 REMEDIATION

(1) (General) _____

RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (METHANOL, TRICHLOROETHYLENE), 9, RQ (PCB),

(2) (Item 9b of manifest) PG III

EPA Hazardous Waste Code(s)

F001 F002 F003 U228

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G <u>49</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>
--	--	---	--	--

Quantity Generated in Report Year
120 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 2016 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 2016
1	PermaFix of Florida, Inc. EPA ID Number of receiving facility: FLD980711071	H 141	<u>120</u> pounds
2	Name of receiving facility: _____ EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: REFERENCE FORM 1 BLOCK 13

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 OTHER REMEDIATION

(1) (General) _____
 UN1950, WASTE AEROSOLS, 2.1 (7), LIMITED QUANTITY RADIOACTIVE MATERIAL

(2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 D003

State Hazardous Waste Code (if applicable)	Source Code *(Specify other) *G 49 **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
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 19 _____ 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 2016 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 2016
1	M&EC/PermaFix EPA ID Number of receiving facility: TNR000005397	H 129	19 _____ pounds
2	Name of receiving facility: EPA ID Number of receiving facility:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

Comments: REFERENCE FORM 1 BLOCK 13 / CANS PUNCTURED AND LIQUIDS COMBUSTED

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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 SOLIDS 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 II
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
U188

State Hazardous Waste Code (if applicable)	Source Code <small>*(Specify other)</small> <u>*G 11 **H</u> <small>** (For G25 only)</small>	Form Code <small>(Specify Other)</small> <u>W 409</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>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: <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 2016 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 2016
1	<u>EnergySolutions Clive Facility</u>	<u>H 132</u>	<u>18</u> pounds
	EPA ID Number of receiving facility: <u>UTD982598898</u>		
2	_____	Off Site Management Method Code <u>H</u>	Total Quantity Shipped in 2016 _____ pounds
	EPA ID Number of receiving facility: _____		

Comments: PHENOL

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) _____

NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (CONTAINS PAINT WASTE), 9, PG III

(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 406	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
14 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 2016 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 2016
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:	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

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

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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) _____

NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (CONTAINS LEAD ITEMS), 9, PG III, RQ (ASBESTOS)

(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 307	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

 10 _____ 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 2016 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 2016
1	EnergySolutions Clive Facility EPA ID Number of receiving facility: UTD982598898	H 132	_____ pounds 10 _____ pounds
2	Name of receiving facility: EPA ID Number of receiving facility: _____	Off Site Management Method Code H _____	Total Quantity Shipped in 2016 _____ pounds

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

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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)
 D003

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 35 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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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
--	--	---	--	-------------------------------------

Quantity Generated in Report Year 35 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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year
136 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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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

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 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
75 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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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, FLUORESCENT 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 <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>756</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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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, FLUORESCENT 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 <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
724 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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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, FLUORESCENT 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 <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year
165 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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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, FLUORESCENT 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
101 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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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, FLUORESCENT 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 <u>A</u>
--	--	---	--	--

Quantity Generated in Report Year <u>88</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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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)
 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 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>198</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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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
 NA
 (2) (Item 9b of manifest) _____

EPA Hazardous Waste Code(s)
 D001 D003 D004 D005 D007 D008 D009 D011 P098 P106 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
--	---	--	--	-------------------------------------

Quantity Generated in Report Year 400 _____ 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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

Comments: NA

Commonwealth of Kentucky
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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)

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 <u>X</u>
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Quantity Generated in Report Year
5170 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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 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 N
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Quantity Generated in Report Year 4868 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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 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)

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 307	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>60</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 2016 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 2016
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
2016 Hazardous Waste Annual Report
FORM 2 – Waste Generation and Management
 Equivalent to EPA Form GM

EPA ID Number KY 8-890-008-982 **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 INORGANIC SOLIDS 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 319	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>303</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 2016 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 2016
1	EPA ID Number of receiving facility: _____	H _____	_____ pounds
2	EPA ID Number of receiving facility: _____	H _____	_____ pounds

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

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ENCLOSURE 7

**2016 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
2016 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>KYD-005-009-923</u> Facility Name <u>Calgon Carbon Corporation</u>	2	29,340	
EPA ID Number <u>TXD-055-141-378</u> Facility Name <u>Clean Harbors Deer Park, LLC</u>	2	544	
EPA ID Number <u>ARD-069-748-192</u> Facility Name <u>Clean Harbors El Dorado, LLC</u>	2	733	
EPA ID Number <u>TND-982-109-142</u> Facility Name <u>Diversified Scientific Services, Inc. (DSSI)</u>	4	4,226	
EPA ID Number <u>UTD-982-598-898</u> Facility Name <u>EnergySolutions Clive Facility</u>	18	191,108	
EPA ID Number <u>TNR-000-005-397</u> Facility Name <u>M&EC/PermaFix</u>	1	19	
EPA ID Number <u>FLD-980-711-071</u> Facility Name <u>PermaFix of Florida, Inc.</u>	3	4,747	
Total	32	230,717	
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>	13	64,129	CF, CM, DF, DM, TP
EPA ID Number <u>MAD-039-322-250</u> Transporter Name <u>Clean Harbors Environmental Services, Inc.</u>	4	1,277	DM
EPA ID Number <u>TNR-000-034-686</u> Transporter Name <u>Hittman Transport Services, Inc.</u>	14	73,911	CF, CM, CW, DF, DM, TP
EPA ID Number <u>KYD-000-735-845</u> Transporter Name <u>Paducah and Louisville Railway, Inc.</u>	1	91,400	HG
Total	32	230,717	CF, CM, CW, DF, DM, HG, TP

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