

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

February 27, 2018

FRNP-18-0431

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

Dear Ms. Greer:

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

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

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

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

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

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

Sincerely,

W.E. KM

William E. Kirby Program Manager

Enclosures:

- 1. Certification Page
- 2. Hazardous Waste Assessment Return
- 3. Claim for Exclusion
- 4. Summary of Noncompliance
- 5. 2017 Annual Hazardous Waste Report Form 1
- 6. 2017 Annual Hazardous Waste Report Form 2

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- 7. 2017 Annual Hazardous Waste Report Form 4
- 8. Check in the amount of \$809.41

cc w/enclosures: McCracken County Judge/Executive

e-copy:

J. Woodard, DOE/PAD K. Knerr, DOE/PAD J. Miller, FRNP/PAD M. Redfield, FRNP/PAD C. Walker, FRNP/PAD 2017 Annual Hazardous Waste Report, Assessment Return, and Claim for Exclusion for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky

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

**CLEARED FOR PUBLIC RELEASE** 

### **ENCLOSURE 1**

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

**CERTIFICATION PAGE** 

#### **CERTIFICATION**

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

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

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

Four Rivers Nuclear Partnership, LLC

M William E. Kirby, Program Manager

<u>2/27/18</u> ate Signed

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

U.S. Department of Energy

Ida

Woodard, Paducah Site Lead Pørtsmouth/Paducah Project Office

2/27/18

### **ENCLOSURE 2**

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

HAZARDOUS WASTE ASSESSMENT RETURN

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

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

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

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

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

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

M.E. Kuny Original Signature

William E. Kirby, Four Rivers Nuclear Partnership, LLC, Program Manager 2/21/18 Name and Title

Date

DEP-7070 (Rev. 2007)

### Hazardous Waste Assessment Return for 2017

### Schedule 1

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

Solid hazardous waste received from off-site

0 pounds

Hazardous Waste Assessment Return for 2017

Schedule 2

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

Liquid hazardous waste received from off-site

0 pounds

### Hazardous Waste Assessment Return for 2017

Schedule 3

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

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

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

### **ENCLOSURE 3**

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

CLAIM FOR EXCLUSION FROM THE HAZARDOUS WASTE ASSESSMENT

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

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

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

- 2. Identify the specific exclusion described under KRS 224.46-580 (7) and (8) for which approval is sought. Mark only one box.
  - ☑ Waste Oil
  - Special Waste
  - Spent material from air pollution control emissions at coke manufacturing facilities
  - Secondary handler receiving waste from Kentucky generators
  - □ Waste subject to Section 402 of the Clean Water Act sent to a KPDES outfall
  - Waste subject to Section 307B of the Clean Water Act sent to a POTW
  - Recycled waste used in the steel manufacturing process
  - Out-of-state waste received by a manufacturing company from an affiliated company
  - Emission control dust and sludge from the primary production of steel that is recycled by high temperature metals recovery or managed by stabilization of metals
- 3. Provide a brief description of the process that generates the hazardous waste for which you are seeking exclusion from assessment or the Claim will be denied. (Mandatory Attach additional sheets if necessary.) The waste oil reported on this claim for exclusion from the Hazardous Waste Assessment for January–December 2017 consists of oil drained from equipment being decommissioned or serviced. All of this oil will be treated thermally at Diversified Scientific Services, Inc. (DSSI) in Kingston, Tennessee.
- 4. Complete this chart for the hazardous waste you are seeking an exclusion.

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

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

Original Signature

 William E. Kirby, Four Rivers Nuclear Partnership, LLC, Program Manager
 2/21

 Name and Title
 Date

DEP-7084 (Rev. 2007)

### **ENCLOSURE 4**

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

SUMMARY OF NONCOMPLIANCE

## SUMMARY OF NONCOMPLIANCE

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

There were no reportable noncompliances in calendar year 2017.

### **ENCLOSURE 5**

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

FORM 1 – IDENTIFICATION AND CERTIFICATION

							DEP 7072 Revised 2007		
MAIL TO: Division of Waste Management Hazardous Waste Branch		Commonwealth of Kentucky Department for Environmental Protection 2017 Hazardous Waste Annual Report FORM 1 – Identification and Certification							
	Sower Blvd hkfort, KY 40601	FORINI 1 – Ideni	iffication a	nd Certil	icatio	n			
		Equivalent to EPA RC	RA Subtitle C	Site Identific	ation Fo	orm	For Official Use Only. Do not write in this space.		
1.	Reason for Submittal	As a component of the	Hazardous Was	te Annual Rep	ort				
2.	Site ID Numbers	A. EPA ID Number: KY <u>8-890</u> - <u>008</u> - <u>982</u>		<b>B. AGENCY IN</b> <u>3059</u>	TEREST (AI) Number:				
3.	Site Name	Name: U.S. Department of	Energy, Paduc	ah Gaseous I	Diffusion	Plant			
4.	Site Location	Street Address: 5600 Hob							
	Information	City: Kevil			-	State: KY	Zip Code: 42053		
		County: McCracken							
5.	Land Type	Site Land Type:  Private	e 🛛 Federal	□ State □	Municipa	I 🗌 County			
6.	NAICS Code(s) (see page 3)	A. 562910	B. 562211	<b>C. 5622</b> 1	12	D. N/A			
7.	Site Contact &	First Name: William		Last Na	me: Kirby				
	Mailing Address	Phone Number: (270) 441-	·6412			none Number Ext	ension: N/A		
		E-Mail Address: Bill.Kirby							
		Street Address or P. O. Bo	ox: 5511 Hobbs	Road					
		City: Kevil		State: KY		Country: USA	Zip Code: 42053		
8.	Site Operator Information	Name of Site's Operator: Four Rivers Nuclear Partnership, LLC							
	mormation	Date Became Operator (mm/dd/yyyy):       Operator Type:       Private       Federal       State       Municipal       County         10/20/2017       Image: County State       Image: County State							
9.	Site Legal	Name of Site's Legal Own	er: U.S. Departn	nent of Energ	у				
	Owner Information	Date Became Owner (mm/o 10/18/1950	d/yyyy): O	⊠Federal ⊡State	☐Municipal				
		Phone Number: (270) 441-	6800		Pł	none Number Ext	ension: N/A		
		Street Address or P. O. Bo	ox: 5501 Hobbs	Road					
		City: Kevil		State: KY		Country: USA	Zip Code: 42053		
10.	Legal	Name of Landowner: U.S.	Department of I	Energy					
	Landowner of the Real	Date Became Owner (mm/		/ate ⊠Federal □	e ⊠Federal ⊡State ⊡Municipal ⊡County				
	Property:	10/18/1950	dd/yyyy): Li	andowner Typ					
		-		andowner Typ		none Number Ext			
		10/18/1950	-6800						

# EPA ID Number: KY<u>8-890-008-982</u>

Al Number 3059 DEP 7072 Revised 2007

			tion.			
	A	. Hazardous	Waste Activities			
1. Generator of Hazardous Was	ste		3. United States Importer of Hazardous Waste			
Select Yes or No Is this a one-time-only hazardous □Yes ⊠No	s waste acti	vity report?	☑ 4. Mixed Waste (hazardous and radioactive) Generator			
Choose only one of the following th ⊠ a. Large Quantity Generator: (over 2,200 pounds generate	-		<ul> <li>5. Transporter of Hazardous Waste         <ul> <li>If "Yes," mark all that apply</li> <li>a. Transporter</li> <li>b. Transfer Facility (at your site)</li> </ul> </li> </ul>			
month, cannot be averaged)		calendar	6. Treater, Storer, or Disposer of Hazardous Waste (Note: A Part B permit is required for these activities)			
b. Small Quantity Generator: (220-2,200 pounds generate month, cannot be averaged)		calendar	☐ 7. Recycler of Hazardous Waste			
□ c. Conditionally Exempt Smal (less than 220 pounds genera calendar month, cannot be a	I Quantity G ated in any c		<ul> <li>8. Exempt Boiler and/or Industrial Furnace Mark "X" in all boxes that apply</li> <li>a. Small Quantity On-Site Burner Exemption</li> <li>b. Smelting, Melting, and Refining Furnace Exemption</li> </ul>			
d. Did you have a status chan ∏Yes ⊠No	ige during t	he year?	9. Underground Injection Well			
<ul> <li>2. Fuel Burner of Hazardous V Recovery (mark the appropri a. Industrial Boiler</li> <li>b. Industrial Furnace</li> </ul>			☐ 9. Onderground injection wen			
B. Universal Waste A	ctivities		C. Used Oil Activities			
☑ 1. Large Quantity Universal Waste Handler			Mark "X" in all boxes that apply			
(over 11,000 pounds on-site stora						
		Accumulate	<ul> <li>I. Used Oil Transporter</li> <li>If "Yes," mark all that apply:</li> <li>a. Transporter</li> </ul>			
(over 11,000 pounds on-site stora	age)	Accumulate	1. Used Oil Transporter If "Yes," mark all that apply:			
(over 11,000 pounds on-site stora) Mark "X" in all boxes that apply	age) Generate		<ul> <li>1. Used Oil Transporter         <ul> <li>If "Yes," mark all that apply:</li> <li>a. Transporter</li> <li>b. Transfer Facility (at your site)</li> </ul> </li> <li>2. Used Oil Processor and/or Re-refiner         <ul> <li>If "Yes," mark all that apply:</li> </ul> </li> </ul>			
(over 11,000 pounds on-site stora <i>Mark "X" in all boxes that apply</i> a. Batteries	age) Generate ⊠		<ul> <li>I. Used Oil Transporter         <ul> <li>If "Yes," mark all that apply:</li> <li>a. Transporter</li> <li>b. Transfer Facility (at your site)</li> </ul> </li> <li>I. Used Oil Processor and/or Re-refiner</li> </ul>			
(over 11,000 pounds on-site stora <i>Mark "X" in all boxes that apply</i> a. Batteries b. Pesticides	age) Generate		<ul> <li>1. Used Oil Transporter         <ul> <li>If "Yes," mark all that apply:</li> <li>a. Transporter</li> <li>b. Transfer Facility (at your site)</li> </ul> </li> <li>2. Used Oil Processor and/or Re-refiner         <ul> <li>If "Yes," mark all that apply:</li> <li>a. Processor</li> <li>b. Re-refiner</li> </ul> </li> <li>3. Off-Specification Used Oil Burner         <ul> <li>If "Yes," mark all that apply:</li> </ul> </li> </ul>			
<ul> <li>(over 11,000 pounds on-site stora Mark "X" in all boxes that apply</li> <li>a. Batteries</li> <li>b. Pesticides</li> <li>c. Mercury Thermostats</li> <li>d. Lamps</li> </ul>	age) Generate □ □ □ ∞ Sal Waste		<ul> <li>1. Used Oil Transporter         <ul> <li>If "Yes," mark all that apply:</li> <li>a. Transporter</li> <li>b. Transfer Facility (at your site)</li> </ul> </li> <li>2. Used Oil Processor and/or Re-refiner         <ul> <li>If "Yes," mark all that apply:</li> <li>a. Processor</li> <li>b. Re-refiner</li> </ul> </li> <li>3. Off-Specification Used Oil Burner</li> </ul>			

### EPA ID Number: KY<u>8-890-008-982</u>

Al Number	<u>3059</u>	DEP 7072 Revised 2007
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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.

spaces are	needed.	<u>.</u>							
D001	D002	D003	D004	D005	D006	D007	D008	D009	D010
D011	D018	D040	F001	F002	F003	F039	P098	P106	U123
U144	U151	U228							
24.50-130).	odes for State- List the waste to your site.	Regulated (i.e. codes of the St	, non-Federal) ate-regulated h	Hazardous Wa azardous waste	astes. (Additio s handled at yc	nal N codes. N our site. Leave	lerve and bliste blank or mark I	r agents as req N/A if State Was	uired by KF ste Codes a
NA									

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

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

#### 14. Certification

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

A. Signature (Must be original):	B. Date Signed: (mm/dd/yyyy)
M.E. Khall)	0212112018
C. Typed or Printed Signatory Name:	D. Official Title of Signatory:
William E. Kirby	Four Rivers Nuclear Partnership, LLC, Program Manager

### **ENCLOSURE 6**

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

### FORM 2 – WASTE GENERATION AND MANAGEMENT

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM							
EPA ID	Number KY8-890	0-008-982			_ Agency Inte	rest Number	3059
Site Nar	ne (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant		
	Waste Description (See instructions.) Check one: ✓ Liquid _ Solid         OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES         (1) (General)         NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (CONTAINS ETHYLENE GLYCOL), 9, PG III						
(2) (Iter	m 9b of manifest)_						(COL), 9, FG III
	EPA Hazardous Waste Code(s) D004 D006 D008 D010						
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form Coo (Specify Oth W 2	her)	Is this wast hazardous radioactive	and ?	Waste Minimization code
	Quantity Gener 940	rated in Report Yea 04pou	a <b>r</b> unds		Enter the value	e used to conve	rt this waste to pounds already listed in pounds)
Was any owned tr	reatment works (P		)ne.	_	ng , disposal		e to a sewer or publicly
	On-site I	Process System 1				On-site Proces	ss System 2
0	on Site Manageme	nt Method Code:	Н		On Site M	lanagement Met	hod Code: H
Q	uantity treated, rea	ecycled, disposed: (Ci	circle one)		Quantity	treated, recycled	, disposed: (Circle one) pounds
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i> µ			_	ng? _No – Form is comp	olete.
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Quantity Shipped in 2017	
	EPA ID Numb UTD982598898	ber of receiving fac	ility:		thod Code H_ <sup>132</sup>		9404 pounds
Site 2		f receiving facility:		Ма	Off Site	Total Quantity Shipped in 2017	
		ber of receiving fac	llity:		thod Code H		pounds

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

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM								
EPA ID	Number KY8-89	0-008-982			Agency Inte	rest Number	3059	
Site Na	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah (	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)								
(2) (Iter	RQ, UN3264, WASTE, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (SULFURIC ACID), 8, PG II, (2) (Item 9b of manifest) (D002, D008)							
EPA Ha D002 D00	zardous Waste C <sup>8</sup>	code(s)						
	Code *(Specify other) (Specify Other) h		Is this wast hazardous radioactive ✓	and ?	Waste Minimization code			
	Quantity Gene	rated in Report Yea 49ροι	unds				rt this waste to pounds already listed in pounds)	
Was any owned to	reatment works (P			_	ng , disposal		e to a sewer or publicly	
	On-site	Process System 1				On-site Proces	ss System 2	
0	n Site Manageme	nt Method Code:	н	_	On Site N	lanagement Met	hod Code: H	
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds	
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	plete.	
Site	Name or EnergySolutions	f receiving facility: S Clive Facility			Off Site	Total Qua	antity Shipped in 2017	
1		ber of receiving fac	ility:	Ме	anagement ethod Code H 1 <sup>32</sup>		2773 pounds	
Site 2		f receiving facility: ber of receiving fac	ility:	Ма	Off Site anagement ethod Code	Total Qua	antity Shipped in 2017	
					Н		pounds	

Comments: NA

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-890	0-008-982			Agency Inte	rest Number	3059		
Site Nam	ne (As shown on Rec	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant				
	Waste Description (See instructions.)       Check one:       ✓ Liquid      Solid         OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES       (1) (General)								
(2) (Iter	RQ, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (CONTAINS ETHYLENE GLYCOL), 9, PG III, (D004, (2) (Item 9b of manifest)								
	zardous Waste C 6 D008 D010	ode(s)							
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form Coo (Specify Oth W 2	Other)hazardous219radioactiveImage: state st		and ?	Waste Minimization code		
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         2574       pounds									
Was any owned tr	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 I	Process System 1				On-site Proces	ss System 2		
0	n Site Manageme	nt Method Code:	Н		On Site Management Method Code: H				
Quantity treated, recycled, disposed: (Circle one)       Quantity treated, recycled, disposed: (Circle one)									
WASTE SHIPPED OFF SITE         Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?         Image: Structure of the structure of									
Site 1	Site Name of receiving facility:			Off Site Management		Total Quantity Shipped in 2017			
	EPA ID Numb UTD982598898	ber of receiving faci	ility:		thod Code H . <sup>132</sup>	2574 pounds			
Site 2		Name of receiving facility:		Off Site Management		Total Quantity Shipped in 2017			
		thod Code H		pounds					

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

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-890	0-008-982			Agency Inte	rest Number	3059		
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE P</u>	aducah C	Baseous	Diffusion Plant				
Waste Description (See instructions.)       Check one:       ✓ Liquid       Solid         WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES       (1) (General)         NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (D008), 9, PG III									
(2) (Iter	m 9b of manifest)_								
EPA Ha D008	EPA Hazardous Waste Code(s) D008								
	Hazardous Waste Code (if applicable)     Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)     Form C (Specify other) W			Is this waste both hazardous and radioactive? Ves No		Waste Minimization code			
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         2300       pounds								
Was any owned tr	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 Proce	ss System 2		
0	n Site Manageme	nt Method Code:	н	-	On Site Management Method Code: H				
Q	Quantity treated, recycled, disposed: (Circle one)       Quantity treated, recycled, disposed: (Circle one)								
WASTE SHIPPED OFF SITE         Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?         Image: Structure of the structure of									
Site 1	Site Name of receiving facility:			Off Site Management		Total Quantity Shipped in 2017			
	EPA ID Numl UTD982598898	per of receiving fac	ility:	Ме	thod Code H_ <sup>132</sup>	2300 pounds			
Site 2	2 M		Off Site Management Method Code		Total Quantity Shipped in 2017				
			Н		pounds				

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-89	0-008-982			Agency Inte	rest Number	3059		
Site Na	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	Baseous	Diffusion Plant				
(1) (Ge	Waste Description (See instructions.) Check one: Liquid Solid OTHER ORGANIC LIQUID FROM CLEANUP OF SPILL RESIDUES (1) (General) NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (CONTAINS ETHYLENE GLYCOL), 9, PG III (2) (Item 9b of manifest)								
	EPA Hazardous Waste Code(s) D004 D006 D008 D010								
	azardous Waste Code if applicable)	Source Code *(Specify other) *G <u>32</u> **H **(For G25 only)	Form C (Specify C W		Is this wast hazardous radioactive ✓	and ?	Waste Minimization code		
	Quantity Generated in Report Year     Enter the value used to convert this waste to pounds       2088     pounds								
Was any owned t	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 Proce	ss System 2		
C	On Site Manageme	nt Method Code:	н		On Site Management Method Code: H				
G	Quantity treated, recycled, disposed: (Circle one)       Quantity treated, recycled, disposed: (Circle one)								
WASTE SHIPPED OFF SITE Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling? ✓ Yes – Continue completing this form and Form 4 No – Form is complete.									
Site 1	Name of receiving facility: EnergySolutions Clive Facility			Off Site		Total Quantity Shipped in 2017			
	EPA ID Numl UTD982598898	ber of receiving fac	ility:	Management Method Code H 1 <sup>132</sup>		2088 pounds			
Site 2		f receiving facility: ber of receiving fac	ility:	Off Site Management Method Code H		Total Quantity Shipped in 2017			

Comments: ANTI-FREEZE

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			_ Agency Inte	rest Number	3059		
Site Nar	me (As shown on Rec	gistration) <u>U.S. DOE Pa</u>	aducah Ga	aseous	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)								
(2) (Ite	RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (DIESEL FUEL), 3, PG III, (D001) (2) (Item 9b of manifest)								
	EPA Hazardous Waste Code(s) D001 D018								
	azardous Waste Code if applicable)	de *(Specify other) (Specify Other)		ther)	Is this waste both hazardous and radioactive? Ves No		Waste Minimization code		
	Quantity Generated in Report Year       0       Enter the value used to convert this waste to pounds         (Leave blank if waste amount is already listed in pounds)       0								
Was any owned to	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 Proce	ess System 2		
С	On Site Manageme	nt Method Code:	н		On Site Management Method Code: H				
Quantity treated, recycled, disposed: (Circle one)       Quantity treated, recycled, disposed: (Circle one)							• • • •		
WASTE SHIPPED OFF SITE         Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?         Image: Structure of the structure of									
Site 1	Site Name of receiving facility:			Off Site Management		Total Quantity Shipped in 2017			
	EPA ID Numb	ber of receiving faci	ility:		thod Code H _ <sup>132</sup>	760 pounds			
Site Name of receiving facility: 2 EPA ID Number of receiving facility:		Off Site Management Method Code H		Total Quantity Shipped in 2017					
					pounds				

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Nan	ne (As shown on Rec	gistration) <u>U.S. DOE Pa</u>	aducah Ga	iseous	Diffusion Plant						
(1) (Ger	SPENT CON neral)	LIN2912 WASTE RAD	% OR MORE	E) FROM			TES (USED CHEMICALS) 				
(2) (Iter	(2) (Item 9b of manifest)238, LIQUID/OXIDE, 21.41 MBQ, FISSILE EXCEPTED										
EPA Hazardous Waste Code(s) D002											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	Form Co (Specify Ot W_1	ther)	her) hazardous and Minimizatio		Minimization code				
_	Quantity Gener	rated in Report Yea 26pou	unds		Enter the value	e used to conve	rt this waste to pounds already listed in pounds)				
Was any owned tr	reatment works (P		)ne.	-	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н	ļ	On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	ecycled, disposed: (Ci	ircle one) _ pounds		Quantity t	treated, recycled	, disposed: (Circle one) pounds				
		I <b>TE</b> pped off site in 2017 f ☑ Yes – <i>Continue com</i> p				ng? _No – Form is comp	olete.				
Site 1	Name of M&EC/PermaFiz	f receiving facility: <sup>ix</sup>			Off Site anagement	Total Qua	antity Shipped in 2017				
EPA ID Number of receiving facility: TNR000005397				ethod Code H _ <sup>141</sup>		626 pounds					
Site 2		f receiving facility:		Ма	Off Site anagement	Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving faci	ility:		ethod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Nar	ne (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	iseous	Diffusion Plant						
(1) (Ger	SPENT CON	UN3321, WASTE RAE	% OR MORE	E) FROM			TES (USED CHEMICALS) A-II), 7 (8), U-234,				
(2) (Iter											
EPA Hazardous Waste Code(s) D002											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	Form Co (Specify Ot W_1	ther) hazardous and Minimization		Minimization code					
_	Quantity Gener 54	rated in Report Yea <sup>40</sup> pou	r unds		Enter the value	e used to conve	rt this waste to pounds already listed in pounds)				
Was any owned tr	reatment works (P		)ne.		ng , disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	Н		On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (Ci	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one) pounds				
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i> p		-		ng? _No – Form is comp	olete.				
Site 1	Name of PermaFix of Flo	f receiving facility: rida, Inc.			Off Site nagement		antity Shipped in 2017				
EPA ID Number of receiving facility: FLD980711071					thod Code H . <sup>121</sup>		566 pounds				
Site 2		f receiving facility: ber of receiving faci	ility:	Ма	Off Site magement thod Code	Total Qua	antity Shipped in 2017				
					н		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-89</u>	0-008-982			_ Agency Inte	erest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah (	Saseous	Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid _ Solid         OTHER ORGANIC SLUDGE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED         (1) (General)         CHEMICALS OR PRODUCTS         RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., 3, PG II, (D001)									
(2) (Itel	m 9b of manifest)_									
<b>EPA Ha</b> D001	zardous Waste C	ode(s)								
	azardous Waste Code f applicable)	te both and ? Yes No	Waste Minimization code							
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds									
Was any owned ti	reatment works (P			_	ng, disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	Н	-	On Site N	Management Met	hod Code: <b>H</b>			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds			
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? No – Form is com	olete.			
Site		f receiving facility:			Off Site					
1	PermaFix of Flo	rida, Inc.		Ма	inagement	Total Qua	antity Shipped in 2017			
				thod Code H_ <sup>061</sup>		296 pounds				
Site 2		f receiving facility:		Ма	Off Site inagement	Total Qua	antity Shipped in 2017			
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds			

Comments: RHODAMINE DYE

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059										
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
Waste Description (See instructions.) Check of SPENT CONCENTRATED ACID (1) (General)UN3321, WASTE F (2) (Item 9b of manifest)LIQUID/OXIDE, 12		RE) FROM								
EPA Hazardous Waste Code(s) D002										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other) *G 22 **H *(For G25 only)       Form Code (Specify Other) W 103       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •										
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         291       pounds										
ON SITE MANAGEMENT Was any of this waste managed on site by the owned treatment works (POTW) ? Check Yes - Complete On-site Process System block(s)	c One.	_	ng , disposal		e to a sewer or publicly					
On-site Process System	1			On-site Proces	ss System 2					
On Site Management Method Code:	н		On Site M	lanagement Metl	hod Code: H					
Quantity treated, recycled, disposed:	(Circle one)		Quantity t	treated, recycled	, disposed: (Circle one) pounds					
WASTE SHIPPED OFF SITE Was any of this waste shipped off site in 207 Ves – Continue co				ng? _No – Form is comp	olete.					
Site         Name of receiving facilit           1         PermaFix of Florida, Inc.	y:		Off Site anagement	Total Qua	antity Shipped in 2017					
EPA ID Number of receiving f FLD980711071	acility:	Me	thod Code H <sup>121</sup>		291 pounds					
Site Name of receiving facilit 2 EPA ID Number of receiving f		Ma Me	Off Site anagement thod Code H	Total Qua	antity Shipped in 2017					

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059												
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
(1) (Gei	Waste Description (See instructions.) Check one: └└ Liquid └└ Solid         SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)         UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234,											
(2) (Iter												
EPA Hazardous Waste Code(s) D002												
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	Form C (Specify W		hazardous and minimization cod radioactive?							
	Quantity Generated in Report Year     Enter the value used to convert this waste to pounds       258     pounds											
Was any owned to	reatment works (P			_	ng, disposal		e to a sewer or publicly					
	On-site	Process System 1				On-site Proce	ss System 2					
C	n Site Manageme	nt Method Code:	Η	_	On Site N	lanagement Met	hod Code: <b>H</b>					
G	uantity treated, re	cycled, disposed: (C	ircle one	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds					
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.					
Site 1		f receiving facility: ntific Services, Inc. (DS	iSI)		Off Site	Total Qua	antity Shipped in 2017					
	EPA ID Number of receiving facility: TND982109142			Ме	thod Code		pounds					
Site 2		f receiving facility:		Ма	Off Site	Total Qua	antity Shipped in 2017					
	EPA ID NUMI	per of receiving fac			thod Code H		pounds					

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nar	ne (As shown on Reg	jistration) <u>U.S. DOE P</u>	aducah Gas	eous Diffusion Plant							
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid ✓ Solid         VERY DILUTE AQUEOUS WASTE MORE THAN 99% WATER FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)         PROCESSES         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D007, D008), AM-         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D007 D008											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization cod X         • • • • • • • • • • • • • • • • • • •											
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         228       pounds										
Was any owned tr	reatment works (P		)ne.	cycling⊡, disposal⊡ No – <i>skip to</i> <b>waste s</b> н		ge to a sewer or publicly					
	On-site I	Process System 1			On-site Proce	ess System 2					
0	n Site Manageme	nt Method Code:	н	On Site M	Management Me	ethod Code: H					
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	Quantity	treated, recycle	d, disposed: (Circle one)					
-				nt, disposal, or recyclin	ng? _No – Form is con	nplete.					
Site 1	Diversified Scier	f receiving facility: ntific Services, Inc. (DS		Off Site Management	Total Qu	uantity Shipped in 2017					
EPA ID Number of receiving facility:     Method Code       TND982109142     H											
Site 2		f receiving facility: per of receiving fac	ility:	Off Site Management Method Code	Total Qu	pounds					
				Н		pounds					

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059											
Site Name	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Genera	Waste Description (See instructions.) Check one: ✓ Liquid SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)										
EPA Hazardous Waste Code(s) D002											
C	rdous Waste ode plicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	Form C (Specify ( W		Is this wast hazardous radioactive	and ?	Waste Minimization code				
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         222       pounds											
Was any of owned treat	tment works (P	naged on site by trea OTW)		-	ng, disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proces	ss System 2				
On S	Site Manageme	nt Method Code:	н	-	On Site N	lanagement Met	hod Code: H				
Qua	ntity treated, re	cycled, disposed: (C	ircle one) _ pounds	1	Quantity	treated, recycled	, disposed: (Circle one)				
		TE pped off site in 2017 ↑ ✓ Yes – Continue comp			· · · · · · · · · · · · · · · · · · ·	ng? _No – Form is comp	olete.				
Site 1		receiving facility: ntific Services, Inc. (DS	SI)		Off Site magement	Total Qua	antity Shipped in 2017				
	EPA ID Numb TND982109142	per of receiving fac	ility:	Ме	H <sup>040</sup>		222 pounds				
Site 2		receiving facility: per of receiving faci	ility:	Ma Me	Off Site magement thod Code H	Total Qua	antity Shipped in 2017				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number KY8-890-008-982 Agency Interest Number 3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	SPENT CON neral)		6 OR MOF	RE) FROM			TES (USED CHEMICALS)				
(2) (Iter	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234, (2) (Item 9b of manifest)LIQUID/OXIDE, 341.4 MBQ, FISSILE EXCEPTED										
EPA Hazardous Waste Code(s) D002											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	Form C (Specify ( W		Is this wast hazardous radioactive	and ?	Waste Minimization code				
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         155       pounds										
Was any owned tr	reatment works (P			_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (Ci	ircle one) _ pounds	)	Quantity	treated, recycled	, disposed: (Circle one) pounds				
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i> p				ng? _No – Form is comp	plete.				
Site 1	Name of PermaFix of Flo	f receiving facility: rida, Inc.			Off Site anagement	Total Qua	antity Shipped in 2017				
EPA ID Number of receiving facility: FLD980711071				Ме	thod Code H . <sup>121</sup>		155 pounds				
Site 2		f receiving facility: ber of receiving faci	ility:	Ма	Off Site anagement athod Code	Total Qua	antity Shipped in 2017				
					н		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059												
Site Nar	ne (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous Diffusio	n Plant							
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid ✓ Solid         VERY DILUTE AQUEOUS WASTE MORE THAN 99% WATER FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), (D007, D008),         (2) (Item 9b of manifest)											
EPA Hazardous Waste Code(s) D002 D007 D008												
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization of X         W       101       Ves       X								n code				
-	Quantity Generation 14	fated in Report Yea 46pou	unds		he value	e used to conve if waste amount is a						
Was any owned tr	reatment works (P	naged on site by trea OTW) [] ? Check O rocess System <i>block(s)</i>	One.	cycling⊡, dis ]_No – <i>skip to</i> w	-		e to a sewer o	r publicly				
	On-site	Process System 1				On-site Proces	ss System 2					
0	n Site Manageme	nt Method Code:	н	C	n Site M	lanagement Met	hod Code:	Η				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	C	Quantity t	reated, recycled	l, disposed: (C	Circle one) pounds				
		ITE oped off site in 2017 ↑ ☑ Yes – <i>Continue com</i>			_	g? No – Form is comp	olete.					
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)	Off Site Manageme	ent	Total Qua	antity Shippe	əd in 2017				
	EPA ID Numl TND982109142	ber of receiving fac	ility:	Method Co H_ <sup>040</sup>	de		146	pounds				
Site 2		f receiving facility: ber of receiving faci	ility:	Off Site Manageme Method Co H	ent	Total Qua	antity Shippe	ed in 2017				

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	Waste Description (See instructions.) Check one: Liquid Liquid PAINT, INK, LACQUER OR VARNISH FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED         (1) (General)       CHEMICALS OR PRODUCTS         RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (PAINT MIXTURE), 3, PG II, (D001)         (2) (Item 9b of manifest)       (1) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D001											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>11</u> **H **(For G25 only)	Form Co (Specify O W _2	ther)	Is this waste both hazardous and radioactive? Ves No		Minimization code				
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds										
Was any owned to		naged on site by trea OTW)	)ne.	_	ng, disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proce	ss System 2				
0	n Site Manageme	nt Method Code:	Η		On Site M	lanagement Met	thod Code: H				
Q	luantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	I, disposed: (Circle one)pounds				
		ITE oped off site in 2017 ↑ ✓ Yes – <i>Continue com</i>		-	· · · · ·	ng? _No – Form is com	olete.				
Site 1	Name of PermaFix of Flo	f receiving facility: rida, Inc.			Off Site nagement	Total Qu	antity Shipped in 2017				
	EPA ID Numb FLD980711071	EPA ID Number of receiving facility: Method Code					135 pounds				
Site 2		f receiving facility: ber of receiving faci	ility:	Ма	Off Site nagement thod Code	Total Qu	antity Shipped in 2017				
					н		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
	Waste Description (See instructions.)       Check one:       ✓ Liquid      Solid         SPENT CONCENTRATED ACID (5% OR MORE)       FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)										
(2) (Iter	UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234, U-235, U- 238, LIQUID/OXIDE, 2.058 MBQ, FISSILE EXCEPTED										
EPA Hazardous Waste Code(s) D002 D007											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization of X         W       103       Ves       X											
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         135       pounds										
Was any owned to	reatment works (P				ng□, disposal□ - Skip to <b>WASTE SH</b> I		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ss System 2				
O	n Site Manageme	nt Method Code:	Н	_	On Site N	lanagement Met	thod Code: <b>H</b>				
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds				
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comj	olete.				
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)		Off Site anagement	Total Qu	antity Shipped in 2017				
EPA ID Number of receiving facility: TND982109142				ethod Code H		135 pounds					
Site 2		f receiving facility:	ility:	Ма	Off Site anagement ethod Code	Total Qu	antity Shipped in 2017				
				IVIE	H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY8-890-008-982         Agency Interest Number        3059											
Site Nan	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Gen	Waste Description (See instructions.) Check one: ✓ Liquid SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)         UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), AM-241, NP-237, PU-238, PU-239, TH-230, LIQUID/OXIDE, 44.98 MBQ, FISSILE EXCEPTED										
EPA Hazardous Waste Code(s) D002											
	zardous Waste Code applicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	Form C (Specify C W		her) hazardous and minimization coordination coordinatio coordination coordination coordination coordination		Minimization code				
-	Quantity Generated in Report Year     Enter the value used to convert this waste to pounds       131     pounds										
Was any owned tr	eatment works (P				ng□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proces	ss System 2				
O	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds				
-		TE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site 1	Name of M&EC/PermaFix	f receiving facility:		Ма	Off Site anagement	Total Qua	antity Shipped in 2017				
					ethod Code H_ <sup>141</sup>		131 pounds				
Site 2		f receiving facility: per of receiving fac	ility:		Off Site anagement ethod Code H	Total Qua	antity Shipped in 2017				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059				
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE Pa</u>	aducah G	aseous	Diffusion Plant						
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)										
EPA Hazardous Waste Code(s) D002											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •											
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         87       pounds										
Was any owned tr	eatment works (P		ne.	_	ng□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly				
	On-site l	Process System 1				On-site Proce	ss System 2				
0	n Site Manageme	nt Method Code:	Н		On Site M	lanagement Met	thod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recyclec	l, disposed: (Circle one)pounds				
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i>				ng? _No – Form is com	olete.				
Site 1	Name of PermaFix of Flo	f receiving facility: rida, Inc.			Off Site	Total Qu	antity Shipped in 2017				
	EPA ID Numb FLD980711071	per of receiving fac	ility:		thod Code H _ <sup>121</sup>		128 pounds				
Site 2		f receiving facility: per of receiving faci	ility:	Ma Me	Off Site magement thod Code	Total Qu	antity Shipped in 2017				
					н		I				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nan	ne (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	aseous	Diffusion Plant						
(1) (Ger	Waste Description (See instructions.) Check one:       ✓ Liquid       ✓ Solid         SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)										
EPA Hazardous Waste Code(s) D002											
State Hazardous Waste Code (if applicable)       Source Code (Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •											
_	Quantity Gener	rated in Report Yea	unds				rt this waste to pounds already listed in pounds)				
Was any owned tr	eatment works (P		)ne.	_	ng, disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity t	treated, recycled	, disposed: (Circle one) pounds				
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)		Off Site inagement	Total Qua	antity Shipped in 2017				
EPA ID Number of receiving facility:     Method Code       TND982109142     H											
Site 2		f receiving facility: ber of receiving faci	ility:	Ma Me	Off Site magement thod Code H	Total Qua	antity Shipped in 2017 pounds				
		ber of receiving fac			thod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number      3059										
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE Pa</u>	aducah Gas	eous Diffusion Pla	nt						
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)										
EPA Hazardous Waste Code(s) D002											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • G 22 **H **(For G25 only)       • W 103       • Yes          • No       • No       • No											
-	Quantity Gener	rated in Report Yea	unds		alue used to conv	ert this waste to pounds already listed in pounds)					
Was any owned tr	reatment works (P		one.	cycling⊡, disposa No – <i>skip to</i> waste		e to a sewer or publicly					
	On-site I	Process System 1			On-site Proce	ess System 2					
0	n Site Manageme	nt Method Code:	н	On Sit	e Management Me	thod Code: H					
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	Quant	ity treated, recycled	d, disposed: (Circle one)pounds					
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i>			rcling? No – Form is com	pplete.					
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)	Off Site Management	Total Qu	antity Shipped in 2017					
EPA ID Number of receiving facility:     Method Code       TND982109142     H       040     125											
Site 2		f receiving facility: ber of receiving fac	ility:	Off Site Management Method Code	Total Qu	pounds					
				Н		poundo					

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-89</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE P</u>	aducah G	aseous	S Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid _ Solid         SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)									
EPA Hazardous Waste Code(s) D002										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	Is this wast hazardous radioactive	and ?	Waste Minimization code X					
-	Quantity Gene	rated in Report Yea 06pot	r unds		Enter the value	e used to conve	rt this waste to pounds already listed in pounds)			
Was any owned to	reatment works (P			-	ng□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity t	treated, recycled	, disposed: (Circle one) pounds			
-		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	<b>Name o</b> f PermaFix of Flo	f receiving facility: rida, Inc.		Ma	Off Site	Total Qua	antity Shipped in 2017			
1     Permark of Piolog, inc.     Management       EPA ID Number of receiving facility:     Method Code       FLD980711071     H 121							121 pounds			
Site 2		f receiving facility: per of receiving fac	ility:		Off Site anagement ethod Code H	Total Qua	antity Shipped in 2017 pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE P</u>	aducah G	Baseous	s Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)									
EPA Hazardous Waste Code(s) D002										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	Form C (Specify C W		Is this wast hazardous radioactive ✓	and ?	Waste Minimization code X			
-	Quantity Gener	rated in Report Yea <sup>6</sup> poנ	r unds		Enter the value	e used to conve	rt this waste to pounds already listed in pounds)			
Was any owned to	reatment works (P				ng, disposal		e to a sewer or publicly			
	On-site l	Process System 1				On-site Proces	ss System 2			
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H			
a	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one) pounds			
-	· · · · · · · · · · · · · · · · · · ·	ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	<b>Name of</b> PermaFix of Flo	f receiving facility: rida, Inc.		Ма	Off Site anagement	Total Qua	antity Shipped in 2017			
					ethod Code H . <sup>121</sup>		96 pounds			
Site 2		f receiving facility: per of receiving fac	ility:		Off Site anagement ethod Code H	Total Quantity Shipped in 2017				
					n					

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u> a	aducah Ga	seous l	Diffusion Plant						
(1) (Ger	OTHER ORG neral)	nstructions.) Check one: ANIC LIQUID FROM O NA3082, HAZARDOU	OTHER ONE-	TIME O	N.O.S. (CONTAIN	NS ETHYLENE GL	YCOL), 9, PG III				
(2) (Iter											
	zardous Waste C 06 D008 D010	ode(s)									
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •											
	Quantity Gener 84	rated in Report Yea 4poเ	unds		Enter the value	e used to conve	ert this waste to pounds already listed in pounds)				
Was any owned tr		naged on site by trea OTW)	)ne.	_	g□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proce	ss System 2				
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Me	thod Code: H				
Q	luantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	d, disposed: (Circle one) pounds				
-		ITE oped off site in 2017 <sup>-</sup> ✓ Yes – <i>Continue com</i>		-	-	ng? _No – Form is com	plete.				
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qu	antity Shipped in 2017				
EPA ID Number of receiving facility:     Method Code       UTD982598898     H											
Site 2		f receiving facility:		Mar	Off Site nagement hod Code	Total Qu	antity Shipped in 2017				
					H		pounds				

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

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM								
EPA ID	Number KY8-89	0-008-982			Agency Inte	rest Number	3059		
Site Na	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	Baseous	s Diffusion Plant				
(1) (Gei	OTHER AQU neral)	nstructions.) Check one: EOUS WASTE OR WA NA3082, HAZARDOU	STEWAT	ERS FRO	), N.O.S. (LEAD), 9	, PG III, (D008)	}		
<b>EPA Ha</b> D008	zardous Waste C	ode(s)							
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 01 **H **(For G25 only)	hazardous radioactive	Is this waste both hazardous and radioactive? Ves No Waste Minimization code X					
	Quantity Gene	rated in Report Yea )poו	unds				already listed in pounds		
Was any owned t	reatment works (P			_	ng□, disposal□ - Skip to <b>WASTE SH</b> I		e to a sewer or publicly		
	On-site	Process System 1				On-site Proce	ss System 2		
С	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H		
C	Quantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds		
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.		
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)	Ma	Off Site anagement	Total Qua	antity Shipped in 2017		
EPA ID Number of receiving facility: TND982109142					ethod Code H_ <sup>040</sup>		65pounds		
Site 2		f receiving facility: ber of receiving fac	ility:		Off Site anagement ethod Code H	Total Qu	antity Shipped in 2017		

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-890	0-008-982			Agency Inte	rest Number	3059			
Site Nar	me (As shown on Rec	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)									
(2) (Iter	m 9b of manifest)_			EEAU	EPIED					
EPA Hazardous Waste Code(s) D002										
	azardous Waste Code if applicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	<b>te both and ?</b> Yes No	Waste Minimization code						
	Quantity Gener 4	rated in Report Yea 4pou	unds		Enter the value	e used to conve	rt this waste to pounds already listed in pounds)			
Was any owned tr		naged on site by trea OTW) [] ? Check O	)ne.	-	ng , disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
0	In Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
Q	luantity treated, re	cycled, disposed: (C	ircle one)		Quantity t	treated, recycled	, disposed: (Circle one)			
		ITE oped off site in 2017 ↑ ✓ Yes – Continue comp			_	ng? _No – Form is comp	olete.			
Site 1	Name of PermaFix of Flo	f receiving facility: rida, Inc.			Off Site nagement	Total Qua	antity Shipped in 2017			
	FLD980711071		ility:		thod Code H 121		pounds			
Site 2		f receiving facility:		Ма	Off Site inagement thod Code	Total Qua	antity Shipped in 2017			
		ber of receiving fac			thod Code H		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Nar	me (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	iseous	Diffusion Plant						
	Waste Description (See instructions.) Check one: ✓ Liquid _ Solid         VERY DILUTE AQUEOUS WASTE MORE THAN 99% WATER FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (F001, PCB), U-										
(2) (Iter	m 9b of manifest)_	234, U-235, U-238, LI	QUID/OXIDI	E, 319 M	MBQ, FISSILE EXC	CEPTED	· ·				
	EPA Hazardous Waste Code(s) F001 F002										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization         W       101       W       Yes       X											
	Quantity Gener	rated in Report Yea	unds		Enter the value	e used to conv	ert this waste to pounds s already listed in pounds)				
Was any owned to		naged on site by trea OTW)	)ne.	-	ng , disposal		ge to a sewer or publicly				
	On-site	Process System 1				On-site Proc	ess System 2				
0	n Site Manageme	nt Method Code:	Η		On Site M	lanagement Me	ethod Code: H				
Q	luantity treated, re	cycled, disposed: (C	ircle one)		Quantity	treated, recycle	d, disposed: (Circle one)				
		ITE oped off site in 2017 <sup>-</sup> ∑Yes – <i>Continue com</i>				ng? _No – Form is con	nplete.				
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)		Off Site magement	Total Q	uantity Shipped in 2017				
EPA ID Number of receiving facility:     Method Code       TND982109142     H											
Site 2		f receiving facility:		Ма	Off Site magement	Total Qu	uantity Shipped in 2017				
		ber of receiving fac	llity:		thod Code H		pounds				

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-89</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	iaseous	Diffusion Plant					
(1) (Gei	Waste Description (See instructions.) Check one: ✓ LiquidSolid         LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,         (1) (General) AND/OR UNUSED CHEMICALS OR PRODUCTS         UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID SOLUTION,									
(2) (Ite	m 9b of manifest)_	HYDROBROMIC ACI	5), 0, 1 0 1							
EPA Hazardous Waste Code(s) LABP(D002 D004 D005 D006 D007 D008)										
	azardous Waste Code f applicable)	e both and ? Yes No	Waste Minimization code X							
	Quantity Generated in Report Year     Enter the value used to convert this waste to pounds       0									
Was any owned to	reatment works (P				ng , disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
C	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one) pounds			
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site anagement	Total Qua	antity Shipped in 2017			
<b>EPA ID Number of receiving facility:</b> UTD982598898					thod Code H. <sup>132</sup>		26 pounds			
Site 2		f receiving facility:	ility:	Ма	Off Site anagement athod Code	Total Qua	antity Shipped in 2017			
					н		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-890	0-008-982			Agency Inte	rest Number	3059			
Site Nar	ne (As shown on Reg	gistration) <u>U.S. DOE P</u> a	aducah Gas	seous D	Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)									
EPA Hazardous Waste Code(s) D002										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • G 22 **H **(For G25 only)       • M 103       • Yes       ×										
	Quantity Gener	rated in Report Yea 2poנ	unds	E	Enter the value	e used to conve	rt this waste to pounds already listed in pounds)			
Was any owned tr		naged on site by trea OTW)	)ne.		, disposal		e to a sewer or publicly			
	On-site I	Process System 1				On-site Proces	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	hod Code: H			
Q	luantity treated, re	cycled, disposed: (C	ircle one)		Quantity	treated, recycled	, disposed: (Circle one) pounds			
		ITE oped off site in 2017 <sup>-</sup> ∑Yes – <i>Continue com</i> j		-	-	ng? _No – Form is comp	olete.			
Site 1	Name of PermaFix of Flo	f receiving facility: rida, Inc.			ff Site agement	Total Qua	antity Shipped in 2017			
EPA ID Number of receiving facility:     Method Code       FLD980711071     H										
Site 2		f receiving facility:		Mana	ff Site agement nod Code	Total Qua	antity Shipped in 2017			
					l		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-89	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	Baseous	Diffusion Plant					
(1) (Gei	Waste Description (See instructions.) Check one: ✓ Liquid _ Solid         SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)         UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (8), U-234,									
(2) (Iter	m 9b of manifest)_	LIQUID/OXIDE, 30.4	MBQ, FISS	SILE EXC	CEPTED					
EPA Hazardous Waste Code(s) D002										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	hazardous radioactive	Is this waste both hazardous and radioactive? ✓ Yes No						
	Quantity Gene	2 pot	r unds		Enter the value	e used to conve	ert this waste to pounds already listed in pounds)			
Was any owned to	reatment works (P			-	ng , disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
O	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H			
G	Quantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
		ITE oped off site in 2017 ☑ Yes – Continue com				ng? _No – Form is comj	olete.			
Site 1	<b>Name o</b> PermaFix of Flo	f receiving facility: rida, Inc.		Ма	Off Site anagement	Total Qua	antity Shipped in 2017			
EPA ID Number of receiving facility: FLD980711071					ethod Code H <sup>121</sup>		22 pounds			
Site 2		f receiving facility:			Off Site anagement ethod Code	Total Qu	antity Shipped in 2017			
				IAIG	H		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-89	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	Saseous	s Diffusion Plant					
(1) (Gei	Waste Description (See instructions.) Check one: ✓ Liquid _ Solid         CONCENTRATED NON-HALOGENATED (e.g. NON-CHLORINATED) SOLVENT FROM DISCARDING OFF-         (1) (General)       SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS OR PRODUCTS         UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (METHANOL), 3, PG III         (2) (Item 9b of manifest)									
<b>EPA Ha</b> D001 F00	zardous Waste C 3	ode(s)								
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>11</u> **H **(For G25 only)	Form C (Specify W		Is this wast hazardous radioactive ✔	and ?	Waste Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds									
Was any owned to	reatment works (P				ng⊡, disposal⊡ 9 – Skip to <b>WASTE SH</b> I		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ess System 2			
O	n Site Manageme	nt Method Code:	н	-	On Site N	lanagement Me	thod Code: H			
Ģ	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycle	d, disposed: (Circle one) pounds			
	-	ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is corr	plete.			
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)	M	Off Site	Total Qu	antity Shipped in 2017			
I	EPA ID Numl TND982109142	ber of receiving fac	ility:	Management Method Code H . <sup>040</sup>			pounds			
Site 2		f receiving facility: ber of receiving fac	ility:		Off Site anagement ethod Code	Total Qu	antity Shipped in 2017			
					Η		pounus			

Page 32 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM								
EPA ID	Number <u>KY8-89</u>	0-008-982			_ Agency Inte	rest Number	3059		
Site Nan	<b>ne</b> (As shown on Reg	istration) <u>U.S. DOE P</u> a	aducah G	Baseous	Diffusion Plant				
(1) (Ger	Waste Description (See instructions.) Check one: LiquidSolid         LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,         (1) (General) AND/OR UNUSED CHEMICALS OR PRODUCTS         UN3287, WASTE TOXIC LIQUID, INORGANIC, N.O.S. (CUPRIC SULFATE), 6.1, PG III         (2) (Item 9b of manifest)								
EPA Haz LABP(D00	zardous Waste C	ode(s)							
	azardous Waste Code applicable)	Source Code *(Specify other) *G <u>11</u> **H **(For G25 only)	Form C (Specify ( W		hazardous and Minimization radioactive?		Minimization code		
-	Quantity Generated in Report Year     Enter the value used to convert this waste to pounds       0     pounds								
Was any owned tr	eatment works (P	naged on site by trea OTW) — ? Check O rocess System <i>block(s)</i>		-	ng, disposal		e to a sewer or publicly		
	On-site	Process System 1				On-site Proces	ss System 2		
0	n Site Manageme	nt Method Code:	Н		On Site N	lanagement Met	hod Code: H		
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one)pounds		
		TE oped off site in 2017 <sup>-</sup> ✓ Yes – <i>Continue com</i>				ng? _No – Form is comp	plete.		
Site 1	Name of EnergySolutions	f receiving facility: Clive Facility			Off Site	Total Qua	antity Shipped in 2017		
1		per of receiving fac	ility:	Me	thod Code H_ <sup>132</sup>		16pounds		
Site 2		f receiving facility:		Ма	Off Site	Total Qua	antity Shipped in 2017		
		per of receiving fac	ty:		thod Code H		pounds		

Page 33 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM								
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059		
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE P</u> a	aducah G	Baseou	s Diffusion Plant				
(1) (Ger	Waste Description (See instructions.) Check one: ✓ LiquidSolid         LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,         (1) (General) AND/OR UNUSED CHEMICALS OR PRODUCTS         UN1760, WASTE CORROSIVE LIQUIDS, N.O.S. (FORMIC ACID SOLUTION), 8, PG II         (2) (Item 9b of manifest)								
EPA Ha: LABP(DOC	<b>zardous Waste C</b> 02 U123)	ode(s)							
State Hazardous Waste       Source Code       Form C         Code       *(Specify other)       (Specify other)         (if applicable)       *G <u>11</u> **H       W					Is this wast hazardous radioactive	and ?	Waste Minimization code		
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds								
Was any owned tr	eatment works (P			_	ing□, disposal□ 0 – Skip to <b>WASTE SH</b> I		e to a sewer or publicly		
	On-site	Process System 1				On-site Proces	ss System 2		
0	n Site Manageme	nt Method Code:	н	-	On Site N	lanagement Met	hod Code: H		
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one) pounds		
		ITE oped off site in 2017 <sup>-</sup> ✓ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.		
Site 1	<b>Name of</b> PermaFix of Flo	f receiving facility: rida, Inc.		M	Off Site anagement	Total Qua	antity Shipped in 2017		
	EPA ID Numl FLD980711071	per of receiving fac			ethod Code H . <sup>121</sup>		pounds		
Site 2		f receiving facility: per of receiving fac	ility:		Off Site anagement ethod Code	Total Qua	antity Shipped in 2017		
			-		н		pounds		

Page 34 of 117

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM								
EPA ID Number KY8-890-008-982		Agency Inte	rest Number	3059				
Site Name (As shown on Registration) U.S. DOE Paducal	h Gaseo	us Diffusion Plant						
Waste Description (See instructions.) Check one: Liquid Liquid LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,         (1) (General) AND/OR UNUSED CHEMICALS OR PRODUCTS         UN2809, WASTE MERCURY, 8, PG III         (2) (Item 9b of manifest)								
EPA Hazardous Waste Code(s) LABP(U151)								
Code *(Specify other) (Spec	n Code sify Other) W 001	ther) hazardous and Minimizat		Minimization code				
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds								
ON SITE MANAGEMENT Was any of this waste managed on site by treatment owned treatment works (POTW) ? Check One.		cling⊡, disposal⊡ No – <i>Skip to</i> <b>waste shi</b>		e to a sewer or publicly				
On-site Process System 1			On-site Proces	ss System 2				
On Site Management Method Code: H		On Site M	lanagement Met	hod Code: H				
Quantity treated, recycled, disposed: (Circle or		Quantity	treated, recycled	l, disposed: (Circle one)pounds				
WASTE SHIPPED OFF SITE Was any of this waste shipped off site in 2017 for trea <u>Ves</u> – Continue completing t			ng? _No − Form is comp	plete.				
Site         Name of receiving facility:           1         EnergySolutions Clive Facility		Off Site Management	Total Qua	antity Shipped in 2017				
EPA ID Number of receiving facility: UTD982598898		Method Code H 132		12 pounds				
Site Name of receiving facility: 2 EBA ID Number of receiving facility:		Off Site Management	Total Qua	antity Shipped in 2017				
EPA ID Number of receiving facility:		Method Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number         KY8-890-008-982         Agency Interest Number         3059										
Site Nar	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	aseous	Diffusion Plant						
(1) (Ger	ACIDIC AQU MASTES (US	nstructions.) Check one: EOUS WASTES LESS SED CHEMICALS) NA	THAN 5% A	ACID (D			ATORY ANALYTICAL				
<b>EPA Ha</b> D002	EPA Hazardous Waste Code(s) D002										
	State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this wa hazardou w 105         W 105       W 105					and	Waste Minimization code				
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         181       pounds										
Was any owned to		naged on site by trea OTW)	)ne.	-	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	Н		On Site M	lanagement Met	hod Code: H				
Q	luantity treated, re	cycled, disposed: (Ci	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one)				
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 ↑ Yes – Continue comp				ng? _No – Form is comp	olete.				
Site 1		f receiving facility:		Ма	Off Site	Total Qua	antity Shipped in 2017				
		ber of receiving fac	ility:		thod Code H		pounds				
Site 2		f receiving facility:		Ма	Off Site magement	Total Qua	antity Shipped in 2017				
		ber of receiving fac			thod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-89	0-008-982			_ Agency Inte	rest Number	3059			
Site Nar	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	Gaseous	Diffusion Plant					
(1) (Gei	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 Ha D002 D00	zardous Waste C <sup>08</sup>	code(s)								
State Hazardous Waste       Source Code       Form C         Code       *(Specify other)       (Specify other)         (if applicable)       *G <u>16</u> **H       W					Is this wast hazardous radioactive	and ?	Waste Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         2755       pounds									
Was any owned t	reatment works (P			_	ng, disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
C	n Site Manageme	ent Method Code:	Η	-	On Site M	lanagement Met	hod Code: H			
G	Quantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds			
	SHIPPED OFF S	ITE oped off site in 2017 Yes – Continue com				ng? _No – Form is comp	olete.			
Site	Name o	f receiving facility:			Off Site					
1				Ма	nagement	Total Qua	antity Shipped in 2017			
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds			
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017			
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			_ Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE Pa</u>	aducah G	Saseous	Diffusion Plant					
(1) (Ger	CAUSTIC AC	nstructions.) Check one: QUEOUS WASTE WITH NA	IOUT CYA	NIDES (F			L RESIDUES			
<b>EPA Ha</b> D002	EPA Hazardous Waste Code(s) D002									
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form C (Specify other)         *G 32 **H							Waste Minimization code			
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         448       pounds									
Was any owned tr	reatment works (P			_	ng , disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds			
	SHIPPED OFF S of this waste ship	ITE oped off site in 2017 <sup>-</sup> ⊇Yes – <i>Continue com</i> j				ng? _No – Form is comp	plete.			
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017			
1	FPA ID Num	per of receiving fac	ility:		nagement thod Code					
					H		pounds			
Site 2	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017			
	EPA ID Numl	per of receiving fac	ility:		thod Code H		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number KY8-890	0-008-982			Agency Inte	rest Number	3059				
Site Nar	<b>ne</b> (As shown on Reç	gistration) <u>U.S. DOE Pa</u>	aducah G	aseous	Diffusion Plant						
(1) (Ger	Waste Description (See instructions.) Check one:       ✓ Liquid      Solid         CAUSTIC AQUEOUS WASTE WITHOUT CYANIDES (PH >12.5) FROM LABORATORY ANALYTICAL WASTES (USED         (1) (General)       CHEMICALS)         NA         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D002											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form C (Specify C *G 22 **H **(For G25 only)					ther) hazardous and		Waste Minimization code				
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         30       pounds											
Was any owned tr	reatment works (P		Dne.	-	ng, disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	on Site Manageme	ent Method Code:	н		On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	ecycled, disposed: (Ci	ircle one) pounds		Quantity t	treated, recycled	, disposed: (Circle one) pounds				
	SHIPPED OFF S y of this waste ship 	I <b>TE</b> pped off site in 2017 f <u> Yes – Continue comp</u>				ng? _No – Form is comp	plete.				
Site 1	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving faci	ility:		thod Code H		pounds				
Site 2		f receiving facility:		Ma	Off Site nagement	Total Qua	antity Shipped in 2017				
		ber of receiving faci			thod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
	Number KY8-89					rest Number	3059			
	-	gistration) <u>U.S. DOE Pa</u>			Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one: Liquid Solid OTHER ORGANIC LIQUID FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS) (1) (General)									
EPA Hazardous Waste Code(s) D001 D002										
State Hazardous Waste       Source Code       Form Co         Code       *(Specify other)       (Specify O         (if applicable)       *G 22 **H       W 2         **(For G25 only)       W 2					Is this wast hazardous radioactive	and ?	Waste Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         72       pounds									
Was any owned to		naged on site by trea OTW)		_	ng, disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
Q	luantity treated, re	cycled, disposed: (Ci	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one) pounds			
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 f □_Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	Name of	f receiving facility:			Off Site magement	Total Qua	antity Shipped in 2017			
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds			
Site 2		f receiving facility:		Ма	Off Site	Total Qua	antity Shipped in 2017			
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds			

Comments: RAD PSEUDOCUMENE

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059									
Site Nar	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)										
EPA Hazardous Waste Code(s) D004 D006 D008 D010										
	Code *(Specify other) (Specify Other) haz				hazardous radioactive ✓	this waste both zardous and dioactive? Ves No				
Quantity Generated in Report Year       Base of the second s										
Was any owned tr	reatment works (P		)ne.	-	ng, disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	thod Code: H			
Q	uantity treated, re	ecycled, disposed: (C	Circle one)		Quantity	treated, recyclec	I, disposed: (Circle one)pounds			
	SHIPPED OFF S of this waste ship	ITE oped off site in 2017 <sup>-</sup> □ Yes – <i>Continue com</i> j				ng? _No – Form is comj	olete.			
Site 1		f receiving facility:		Ма	Off Site magement	Total Qu	antity Shipped in 2017			
		ber of receiving fac	iiity:		thod Code H		pounds			
Site 2		f receiving facility:		Ма	Off Site	Total Qu	antity Shipped in 2017			
	EPA ID Numb	ber of receiving fac	ility:		thod Code H	pounds				

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

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
	EPA ID Number         KY8-890-008-982         Agency Interest Number         3059										
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
	Waste Description (See instructions.) Check one: Liquid Liguid OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES (1) (General)NA										
(2) (Item 9b of manifest)											
	EPA Hazardous Waste Code(s) D004 D010										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form C (Specify other)         *G 19 **H **(For G25 only)       W					Is this wast hazardous radioactive	and ?	Waste Minimization code				
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         199       pounds											
Was any owned to	reatment works (P			_	ng, disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н	_	On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one	)	Quantity	treated, recycled	, disposed: (Circle one) pounds				
	SHIPPED OFF S	ITE oped off site in 2017 □ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
1	EPA ID Num	ber of receiving fac	ility:		nagement thod Code		· · · ·				
					H		pounds				
Site 2	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017				
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds				

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

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number KY8-890	0-008-982			Agency Inte	rest Number	3059				
Site Nar	<b>me</b> (As shown on Reg	jistration) <u>U.S. DOE P</u>	aducah Ga	aseous	Diffusion Plant						
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid _ Solid         OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES         (1) (General)										
EPA Hazardous Waste Code(s) D001 D002 D003 D009											
	tate Hazardous Waste Code (if applicable)Source Code *(Specify other) *G 19 **H **(For G25 only)Form Code (Specify Other) W 219W 219				Is this waste both hazardous and radioactive? Ves No		Minimization code				
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         18       pounds											
Was any owned to	reatment works (P		ne.	_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	Н		On Site M	lanagement Met	hod Code: H				
Q	Quantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity f	treated, recycled	l, disposed: (Circle one) pounds				
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 □ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site 1		f receiving facility:		Ма	Off Site	Total Qua	antity Shipped in 2017				
	EPA ID NUMI	ber of receiving fac	llity:		ethod Code H		pounds				
Site 2		f receiving facility:		Ма	Off Site	Total Qua	antity Shipped in 2017				
	EPA ID Numl	ber of receiving fac	ility:	Ме	ethod Code H		pounds				

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

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	OTHER ORG	nstructions.) Check one: BANIC LIQUID FROM O NA	THER ON	E-TIME (	-	T PROCESSES					
EPA Hazardous Waste Code(s) D001											
	azardous Waste Code f applicable)	e both and ? Yes No	Waste Minimization code X								
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         9       pounds										
Was any owned to	reatment works (P		ne.	_	ng, disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	Н		On Site M	lanagement Met	hod Code: H				
G	uantity treated, re	ecycled, disposed: (Ci	ircle one) _ pounds		Quantity f	treated, recycled	, disposed: (Circle one)				
	SHIPPED OFF S / of this waste ship	ITE oped off site in 2017 f □_Yes – Continue comp			· · · · · · · · · · · · · · · · · · ·	ng? _No – Form is comp	olete.				
Site 1		f receiving facility:		Ма	Off Site anagement	Total Qua	antity Shipped in 2017				
	EPA ID Numl	ber of receiving fac	ility:		ethod Code H		pounds				
Site 2		f receiving facility:	N			Total Qua	antity Shipped in 2017				
	EPA ID Numi	ber of receiving fac	ility:		ethod Code H		pounds				

Comments: ACETONE / GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nar	ne (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah C	<u> Saseous</u>	Diffusion Plant						
(1) (Ger	SPENT CON neral)	,	% or mor	RE) FROM			STES (USED CHEMICALS)				
<b>EPA Ha</b> D002	EPA Hazardous Waste Code(s) D002										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •											
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         31										
Was any owned tr	reatment works (P			_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ss System 2				
0	n Site Manageme	ent Method Code:	Н	-	On Site M	lanagement Me	thod Code: H				
Q	luantity treated, re	ecycled, disposed: (C	ircle one)	)	Quantity	treated, recycled	I, disposed: (Circle one)pounds				
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 <sup>-</sup> □Yes – <i>Continue com</i>			· · · · · · · · · · · · · · · · · · ·	ng? _No – Form is com	olete.				
Site 1		f receiving facility:		Ма	Off Site inagement		antity Shipped in 2017				
	EPA ID Number of receiving facility:     Method Code										
Site 2		f receiving facility: ber of receiving fac		Ма	Off Site inagement thod Code	Total Qu	antity Shipped in 2017				
					H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059												
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid SPENT CONCENTRATED ACID (5% OR MORE) FROM LABORATORY ANALYTICAL WASTES (USED CHEMICALS)         (1) (General)											
	EPA Hazardous Waste Code(s) D002 D007											
	azardous Waste Code if applicable)	Source Code *(Specify other) *G 22 **H **(For G25 only)	Form C (Specify C W	Other) hazardous and radioactive?		and ?	Waste Minimization code					
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         18       pounds											
Was any owned to	reatment works (P			_	g, disposal		e to a sewer or publicly					
	On-site	Process System 1				On-site Proce	ss System 2					
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	thod Code: H					
Q	luantity treated, re	ecycled, disposed: (Ci	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one)pounds					
WASTE Was any	SHIPPED OFF Silver of this waste ship	ITE oped off site in 2017 f □_Yes – Continue com				ng? _No – Form is comj	olete.					
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017					
1	EPA ID Num	ber of receiving fac	ility:	Met	nagement thod Code H		pounds					
Site 2	Name of	f receiving facility:		(	Off Site nagement	Total Qua	antity Shipped in 2017					
	EPA ID Numb	ber of receiving fac	ility:		thod Code H		pounds					

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Nar	ne (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant						
(1) (Ger	VERY DILUT OPERATION	nstructions.) Check one: E AQUEOUS WASTE N S OR OTHER LAND UI NA	MORE THAI NITS)	N 99% \			TION (FROM LANDFILL				
	·										
<b>EPA Ha</b> F039	EPA Hazardous Waste Code(s) F039										
State Hazardous Waste       Source Code       Form Code       Is this waste both       Waste											
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         14595       pounds										
Was any owned to		naged on site by trea OTW)	)ne.	-	ng, disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	Н		On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity t	treated, recycled	, disposed: (Circle one) pounds				
	SHIPPED OFF SI y of this waste ship	ITE oped off site in 2017 f □_Yes – Continue comp				ng? _No – Form is comp	plete.				
Site         Name of receiving facility:           1					Off Site inagement	Total Qua	antity Shipped in 2017				
	EPA ID Number of receiving facility:     Method Code						pounds				
Site 2		f receiving facility:		Ма	Off Site inagement	Total Qua	antity Shipped in 2017				
		ber of receiving fac			thod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid _ Solid         WASTE LIQUID MERCURY FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES         (1) (General)										
<b>EPA Ha</b> D009	EPA Hazardous Waste Code(s) D009										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         W       117       W       Yes       A											
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         86       pounds										
Was any owned to	reatment works (P		ne.	_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ss System 2				
0	n Site Manageme	nt Method Code:	Н		On Site M	lanagement Me	thod Code: H				
Q	Quantity treated, re	ecycled, disposed: (Ci	ircle one) _ pounds		Quantity	treated, recycled	d, disposed: (Circle one)				
	SHIPPED OFF S	ITE oped off site in 2017 ↑ Yes – Continue comp			_	ng? _No – Form is com	plete.				
Site 1	1				Off Site inagement thod Code	Total Qu	antity Shipped in 2017				
		ber of receiving fac			pounds						
Site 2		f receiving facility:		Ма	Off Site	Total Qu	antity Shipped in 2017				
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nar	me (As shown on Rec	gistration) <u>U.S. DOE P</u> a	aducah Ga	seous	Diffusion Plant						
(1) (Ger	WASTE OIL I		DOUS WAS	TE FRO			BATTERY REPLACEMENT				
EPA Hazardous Waste Code(s) D006 D008 D018 State Hazardous Waste Source Code Form Code Is this waste both Waste											
	azardous Waste Code if applicable)	Source Code *(Specify other) *G <u>16</u> **H **(For G25 only)	<b>e both and ?</b> Yes No	Waste Minimization code							
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         2304										
Was any owned tr	reatment works (P		)ne.	_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	In Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H				
Q	luantity treated, re	cycled, disposed: (C	ircle one)		Quantity t	treated, recycled	l, disposed: (Circle one)pounds				
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 <sup>-</sup> □ Yes – <i>Continue com</i> j			_	ng? _No – Form is comp	olete.				
Site 1		f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving fac	ility:		thod Code H		pounds				
Site 2		f receiving facility:		Ма	Off Site inagement	Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving fac	ility:		thod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid ✓ Solid         WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT         (1) (General)										
<b>EPA Ha</b> D008	zardous Waste C	ode(s)									
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>16</u> **H **(For G25 only)	Is this wast hazardous radioactive	and ?	Waste Minimization code						
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         938										
Was any owned tr	reatment works (P			_	g, disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	Η	-	On Site M	lanagement Met	hod Code: H				
Q	luantity treated, re	cycled, disposed: (C	ircle one) pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds				
	SHIPPED OFF S y of this waste ship 	ITE oped off site in 2017 f □_Yes – <i>Continue</i> comp				ng? _No – Form is comp	olete.				
Site	Name of	f receiving facility:			Off Site		antity Shipped in 2017				
1	EPA ID Num	ber of receiving fac	ility:	Met	nagement hod Code H		pounds				
Site 2		f receiving facility:		Mar	Off Site nagement	Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving fac	ility:		hod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059											
Site Nar	ne (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant						
(1) (Ger	WASTE OIL I		DOUS WAS	TE FRO			BATTERY REPLACEMENT				
EPA Hazardous Waste Code(s) D001 D018											
State Hazardous Waste Code (if applicable)       Source Code (Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •											
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         608       pounds										
Was any owned tr	reatment works (P		)ne.	-	ng, disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H				
Q	luantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity t	treated, recycled	, disposed: (Circle one) pounds				
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 f □_Yes – Continue com			· · · · · · · · · · · · · · · · · · ·	ng? _No – Form is comp	plete.				
Site 1		f receiving facility:		Ма	Off Site inagement	Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving fac	facility: Method Code Hpour								
Site 2		f receiving facility:		Ма	Off Site inagement thod Code	Total Qua	antity Shipped in 2017				
					н		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059												
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
(1) (Ger	Waste Description (See instructions.) Check one: ✓ Liquid ✓ Solid         WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT         (1) (General)											
	EPA Hazardous Waste Code(s) D018 D040											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>16</u> **H **(For G25 only)	Form C (Specify C W	hazardous radioactive	this waste both zardous and dioactive? Ves No							
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         124											
Was any owned tr	reatment works (P			_	ng□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly					
	On-site	Process System 1				On-site Proce	ss System 2					
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H					
Q	luantity treated, re	ecycled, disposed: (Ci	i <b>rcle one</b> ) pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds					
	SHIPPED OFF S y of this waste ship 	ITE oped off site in 2017 f □_Yes – <i>Continue com</i> p			_	ng? _No – Form is comp	olete.					
Site 1	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017					
	EPA ID Number of receiving facility: Method Code						pounds					
Site 2		f receiving facility:		Mai	Off Site nagement	Total Qua	antity Shipped in 2017					
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds					

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number KY8-890	0-008-982			Agency Inte	rest Number	3059				
Site Nar	ne (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	aseous	Diffusion Plant						
Waste D	FILTERS, SO		ON EXCHAN	NGE RES			OTHER REMEDIATION				
RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (SPENT ACTIVATED CARBON, CONTAINS (2) (Item 9b of manifest) TRICHLOROETHENE), 9, PG III											
EPA Hazardous Waste Code(s) D040 F001 F002 U228											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •											
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         27480       pounds										
Was any owned tr	reatment works (P		One.	_	g, disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proce	ss System 2				
0	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	thod Code: H				
Q	uantity treated, re	ecycled, disposed: (C	Circle one)		Quantity	treated, recycled	l, disposed: (Circle one)pounds				
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i> p		-		ng? _No – Form is comj	plete.				
Site 1		f receiving facility: Fechnologies, LLC			Off Site nagement	Total Qu	antity Shipped in 2017				
	EPA ID Numb PAD987270725	ber of receiving fac									
Site 2		f receiving facility: ber of receiving faci	sility.	Mai	Off Site nagement thod Code	Total Qu	antity Shipped in 2017				
					H		pounds				

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

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number <u>KY8-890</u>	0-008-982			_ Agency Inte	rest Number	3059				
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE P</u>	aducah Ga	aseous	Diffusion Plant						
(1) (Ger	METAL SCAL PROCESSES	3	AP (INCLUI	DING M	RIAL, LOW SPECI	FIC ACTIVITY (	NE-TIME OR INTERMITTENT				
(2) (Itei	m 9b of manifest)_	237,10-200,10-00,1	HI-200, 00								
EPA Hazardous Waste Code(s) D006 D007 F001 F002											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)       Form Code (Specify Other) W <u>307</u> Is this waste both hazardous and radioactive?       Waste Minimization code X											
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         16500       pounds										
Was any owned to		naged on site by trea OTW)	)ne.	_	ng, disposal		rge to a sewer or publicly				
	On-site l	Process System 1				On-site Pro	cess System 2				
0	n Site Manageme	nt Method Code:	Н		On Site N	lanagement N	Method Code: H				
a	uantity treated, re	cycled, disposed: (C	ircle one) _pounds		Quantity	treated, recyc	led, disposed: (Circle one)				
	•	ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is c	omplete.				
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)		Off Site	Total (	Quantity Shipped in 2017				
EPA ID Number of receiving facility:     Method Code       TND982109142     H.141											
Site 2		f receiving facility:		Ма	Off Site inagement thod Code	Total (	Quantity Shipped in 2017				
					H		pounds				

Page 54 of 117

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059											
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)         RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (PCB, D008), NP-         (2) (Item 9b of manifest)											
	EPA Hazardous Waste Code(s) D006 D007 D008										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization         W       002       Yes       A											
Qu:	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         10170       pounds										
owned treatm	is waste mar ent works (P			_	ng□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
On Site	Manageme	nt Method Code:	н	-	On Site N	lanagement Met	hod Code: H				
Quantit	y treated, re	cycled, disposed: (C	ircle one) _ pounds	1	Quantity	treated, recycled	l, disposed: (Circle one) pounds				
WASTE SHIP Was any of th	is waste ship	ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	plete.				
Site		f receiving facility: S Clive Facility		Ma	Off Site anagement	Total Qua	antity Shipped in 2017				
EPA ID Number of receiving facility: UTD982598898					ethod Code H 132		10170 pounds				
Site 2 E		f receiving facility: per of receiving fac	ility:		Off Site anagement ethod Code H	Total Quantity Shipped in 2017					

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			_ Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one: □LiquidSolid         METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)         RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), 7         (2) (Itom 0h of manifest)									
EPA Ha	(2) (Item 9b of manifest) (PCB, F001), NP-237, TC-99, TH-230, 0-234, SOLID/OXIDE, 2259 MBQ, FISSILE EXCEPTED EPA Hazardous Waste Code(s) F001 F002									
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization         W       307       Yes       X							Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         2868       pounds									
Was any owned tr	reatment works (P		Dne.	_	ng□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly			
	On-site I	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	thod Code: H			
Q	uantity treated, re-	cycled, disposed: (Ci	Circle one)		Quantity	treated, recyclec	l, disposed: (Circle one)pounds			
	· ·	ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i> p		•	· · · ·	ng? _No – Form is comj	plete.			
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qu	antity Shipped in 2017			
	EPA ID Numb UTD982598898	ber of receiving faci	ility:		thod Code H _ <sup>132</sup>		8038 pounds			
Site 2		f receiving facility: ber of receiving faci	.:!;+\	Mar	Off Site nagement thod Code	Total Qu	antity Shipped in 2017			
					H		pounds			

Page 56 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059									
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
(1) (Ger	Waste Description (See instructions.) Check one: □ Liquid ☑ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)         INTERMITTENT PROCESSES         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D006, D008), NP-         (2) (Item 9b of manifest)									
	EPA Hazardous Waste Code(s) D006 D007 D008 D010									
State Hazardous Waste Code (if applicable)       Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)       Form Code (Specify Other) W <u>002</u> Is this waste both hazardous and radioactive?       Waste Minimization co A							Minimization code			
-	Quantity Gener	94pot	unds		Enter the value	e used to conve	ert this waste to pounds already listed in pounds)			
Was any owned to		naged on site by trea OTW)			ng, disposal		e to a sewer or publicly			
	On-site I	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	thod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one)pounds			
	WASTE SHIPPED OFF SITE         Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?         Image: Structure of the structure of									
Site 1	Name of EnergySolutions	f receiving facility: S Clive Facility		Ма	Off Site anagement	Total Qu	antity Shipped in 2017			
	UTD982598898	per of receiving fac	ility:	-						
Site 2		f receiving facility: per of receiving fac	ility:	Ма	Off Site anagement ethod Code	Total Qu	antity Shipped in 2017			
					Н		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nan	ne (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one:LiquidSolid         METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I), 7         (2) (Item 9b of manifest)(D009, D011), TC-99, U-234, U-235, U-238, SOLID/OXIDE, 25.4 MBQ, FISSILE EXCEPTED									
(2) (110)										
	EPA Hazardous Waste Code(s) D006 D007 D008 D009 D011									
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form Coc (Specify Oth W_30	Other) hazardous and Minimization co			Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         70       pounds									
Was any owned tr	reatment works (P		Dne.	_	g, disposal		e to a sewer or publicly			
	On-site I	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Me	thod Code: H			
Q	uantity treated, re-	cycled, disposed: (Ci	Circle one)		Quantity	treated, recycled	I, disposed: (Circle one)pounds			
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i> p		-	-	ng? _No – Form is com	plete.			
Site 1		f receiving facility:		C	Off Site		antity Shipped in 2017			
	EPA ID Numb TNR000005397	ber of receiving faci	ility:		hod Code H _ <sup>110</sup>		4938 pounds			
Site 2		f receiving facility: ber of receiving faci	-ility-	Mar	Dff Site nagement hod Code	Total Qu	antity Shipped in 2017			
					H		pounds			

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Page 58 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-890	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>me</b> (As shown on Reg	jistration) <u>U.S. DOE P</u>	aducah G	aseous	Diffusion Plant					
(1) (Gei	Waste Description (See instructions.) Check one: □ Liquid ☑ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General) INTERMITTENT PROCESSES         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D008, D010), NP-         (2) (Item 9b of manifest) 237, PU-239, TH-230, U-234, SOLID/OXIDE, 9649 MBQ, FISSILE EXCEPTED									
	EPA Hazardous Waste Code(s) D006 D007 D008 D010									
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization co         W       002       Ves       A							Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         4329       pounds									
Was any owned to		naged on site by trea OTW)			ng, disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
C	on Site Manageme	nt Method Code:	н		On Site N	lanagement Met	hod Code: H			
G	Quantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one)pounds			
	•	ITE oped off site in 2017 ☑ Yes – <i>Continue com</i> j			· · ·	ng? _No – Form is com	olete.			
Site 1	Name of EnergySolutions	f receiving facility: Clive Facility			Off Site	Total Qua	antity Shipped in 2017			
	EPA ID Numl UTD982598898	per of receiving fac	ility:	Ме	ethod Code H 132		4329 pounds			
Site 2		f receiving facility: per of receiving fac	ility:	Ма	Off Site anagement ethod Code H	Total Quantity Shipped in 2017				

Page 59 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-89</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	aseou	s Diffusion Plant					
(1) (Gei	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008, D011), AM-241, PU-238, PU-239, TH-230, SOLID/OXIDE, 30275 MBQ, FISSILE EXCEPTED									
	EPA Hazardous Waste Code(s) D007 D008 D011									
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •										
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         3963       pounds									
Was any owned to	reatment works (P			_	ing□, disposal□ 9 – Skip to <b>WASTE SH</b> I		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	hod Code: H			
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
	-	ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	Name of Waste Control S	f receiving facility: Specialists		M	Off Site anagement	Total Qua	antity Shipped in 2017			
	EPA ID Number of receiving facility: Method 0				ethod Code		3963 pounds			
Site 2		f receiving facility: ber of receiving fac	Manager			Total Qua	antity Shipped in 2017			
					н		poundo			

Page 60 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-89</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	Baseou	s Diffusion Plant					
(1) (Gei	Waste Description (See instructions.) Check one:LiquidSolid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)         INTERMITTENT PROCESSES         RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (PCB, D008), NP-         (2) (Item 9b of manifest)									
<b>EPA Ha</b> D006 D00	zardous Waste C 17 D008	ode(s)								
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • W 002       • W 002       • Yes       • A							Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         3183       pounds									
Was any owned to	reatment works (P			-	ing□, disposal□ D – Skip to <b>WASTE SHI</b>		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
C	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H			
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	1	Quantity	treated, recycled	l, disposed: (Circle one) pounds			
	-	ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>			· · · · · · · · · · · · · · · · · · ·	ng? _No – Form is comp	olete.			
Site	Name or EnergySolutions	f receiving facility: S Clive Facility		М	Off Site anagement	Total Qua	antity Shipped in 2017			
1 EPA ID Number of receiving facility: UTD982598898					ethod Code H. <sup>132</sup>		3183 pounds			
Site 2		f receiving facility:	ility:		Off Site anagement ethod Code	Total Qua	antity Shipped in 2017			
					н		pounds			

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number _	3059	_			
Site Nar	ne (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	seous Diff	usion Plant						
(1) (Ger	Waste Description (See instructions.) Check one: □ Liquid _ Solid         METAL BEARING SLUDGES NOT CONTAINING CYANIDES FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)         PROCESSES         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D007, D008), AM-         (2) (Item 9b of manifest)										
	EPA Hazardous Waste Code(s) D007 D008										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code A         W       505       V 505       No       A							Minimization code				
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         3034       pounds											
Was any owned ti		naged on site by trea OTW)	)ne.	_	-	, or by discharg PPED OFF SITE	e to a sewer or publicly				
	On-site I	Process System 1				On-site Proce	ss System 2				
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Me	thod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	I, disposed: (Circle one)				
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i> µ		-	-	ng? _No – Form is com	plete.				
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)	Off Manag	Site Jement	Total Qu	antity Shipped in 2017				
	EPA ID Numb TND982109142	ber of receiving fac	ility:	: Method Code H							
Site 2		f receiving facility: ber of receiving faci	ility:	Method	ement d Code	Total Qu	antity Shipped in 2017				
				Η_							

Page 62 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-89</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	Saseou	s Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one: □Liquid									
	EPA Hazardous Waste Code(s) D007 D008 D011									
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •										
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         2938       pounds									
Was any owned to	reatment works (P			_	ing□, disposal□ D – Skip to <b>WASTE SH</b> I		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
	-	ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	Name of Waste Control S	f receiving facility: Specialists		м	Off Site anagement	Total Qua	antity Shipped in 2017			
	EPA ID Number of receiving facility: TXD988088464				ethod Code H . <sup>132</sup>		pounds			
Site 2		f receiving facility: ber of receiving fac	ility:		Off Site lanagement ethod Code H	Total Qua	antity Shipped in 2017 pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number      3059									
Site Nar	me (As shown on Rec	gistration) <u>U.S. DOE Pa</u>	aducah Ga	aseous	Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008, D011), 9, PG III         (2) (Item 9b of manifest)									
EPA Hazardous Waste Code(s) D006 D007 D008 D010 D011										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form C (Specify *G <u>19</u> **H **(For G25 only)										
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         2886       pounds									
Was any owned to		naged on site by trea OTW)	ne.		ng, disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
Q	luantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity t	treated, recycled	, disposed: (Circle one)pounds			
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i>			_	ng? _No – Form is comp	plete.			
Site 1	Name of M&EC/PermaFiz	f receiving facility: x			Off Site inagement	Total Qua	antity Shipped in 2017			
	EPA ID Numb TNR000005397	ber of receiving fac	ility:	Me	thod Code H . <sup>110</sup>	2886 pounds				
Site 2		f receiving facility: ber of receiving faci	ility:	Ma Me	Off Site magement thod Code	Total Qua	antity Shipped in 2017			
					н		· · ·			

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Page 64 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	iaseou	s Diffusion Plant					
(1) (Gei	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008, D011), AM-241, PU-238, PU-239, TH-230, SOLID/OXIDE, 30275 MBQ, FISSILE EXCEPTED									
	EPA Hazardous Waste Code(s) D007 D008 D011									
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         W       002       Ves       X										
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         2584       pounds									
Was any owned to	reatment works (P			_	ing□, disposal□ 0 – Skip to <b>WASTE SHI</b>		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
C	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
Ģ	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
-		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	Name of Waste Control S	f receiving facility: Specialists		M	Off Site anagement	Total Qua	antity Shipped in 2017			
	EPA ID Number of receiving facility: Metho				ethod Code H. <sup>132</sup>		pounds			
Site 2		f receiving facility: ber of receiving fac	Managem			Total Qua	antity Shipped in 2017 pounds			
					••					

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number K	Y8-890-008-982		Age	ency Inter	rest Number	3059				
Site Name (As shown	on Registration) U.S. DOE I	Paducah Ga	seous Diffusi	on Plant						
Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D009, D011), AM-         (2) (Item 9b of manifest)       241, NP-237, PU-239, TC-99, TH-230, SOLID/OXIDE, 1857.16 MBQ, FISSILE EXCEPTED										
EPA Hazardous Waste Code(s)           D006 D007 D008 D009 D010 D011										
State Hazardous W Code (if applicable)	this wast zardous a dioactive	and ? /es	Waste Minimizatio	on code						
Quantity Generated in Report Year       No         2278       pounds    Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)										
owned treatment wo	MENT te managed on site by tre rks (POTW) ☐ ? Check ( n-site Process System <i>block</i> (s)	One.	ecycling□, d ☑_No – skip to	-		e to a sewer o	r publicly			
Or	-site Process System 1				On-site Proce	ss System 2				
On Site Mana	agement Method Code:	н		On Site M	lanagement Met	thod Code:	Н			
Quantity treat	ed, recycled, disposed: (	Circle one) pounds		Quantity t	reated, recycled	l, disposed: (C	Circle one) pounds			
WASTE SHIPPED C Was any of this was	DFF SITE te shipped off site in 2017 Yes – <i>Continue cor</i>		rm and Form 4.		g? No – Form is com	plete.				
Site Na 1 M&EC/Pe	ame of receiving facility: ermaFix		Off Sit Managen	-	Total Qua	antity Shippe	ed in 2017			
EPA ID Number of receiving facility:     Method Code       TNR000005397     H							pounds			
2	Site Name of receiving facility: Off Site					antity Shippe	ed in 2017			

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Page 66 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE P</u>	aducah G	Baseou	is Diffusion Plant					
(1) (Gei	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         FILTERS, SOLID ABSORBENTS, ION EXCHANGE RESINS AND SPENT CARBON FROM OTHER ONE-TIME OR         (1) (General)       INTERMITTENT PROCESSES         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008, D011), AM-241, PU-238, PU-239, TH-230, SOLID/OXIDE, 2321 MBQ, FISSILE EXCEPTED									
	EPA Hazardous Waste Code(s) D007 D008 D011									
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         W       310       W 310       Ves       X										
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         2178       pounds									
Was any owned to	reatment works (P			_	ling□, disposal□ 0 – Skip to <b>WASTE SH</b> I		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
O	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H			
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	Name of Waste Control S	f receiving facility: Specialists		M	Off Site Ianagement	Total Qua	antity Shipped in 2017			
•	EPA ID Number of receiving facility: Met				lethod Code H _ <sup>132</sup>		2178 pounds			
Site 2		f receiving facility:  per of receiving fac	ility:		Off Site lanagement lethod Code H	Total Qua	antity Shipped in 2017 pounds			
					···					

Page 67 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059									
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE P</u> a	aducah G	iaseous	Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D007, D008), AM-         (2) (Item 9b of manifest)									
	EPA Hazardous Waste Code(s) D007 D008									
							Waste Minimization code A			
-	Quantity Gene	rated in Report Yea <sup>54</sup> poเ	r unds		Enter the value	e used to conve	ert this waste to pounds already listed in pounds)			
Was any owned tr	reatment works (P				ng, disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
		ITE oped off site in 2017 <sup>-</sup> ✓ Yes – <i>Continue com</i>			· · · · · · · · · · · · · · · · · · ·	ng? _No – Form is comp	olete.			
Site 1	<b>Name o</b> f PermaFix of Flo	f receiving facility: rida, Inc.			Off Site magement	Total Qua	antity Shipped in 2017			
EPA ID Number of receiving facility: FLD980711071				thod Code H _ <sup>110</sup>		2154 pounds				
Site 2		f receiving facility: per of receiving fac	ility:	Ma Me	Off Site magement thod Code H	Total Qu	antity Shipped in 2017			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059									
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant					
(1) (Ger		RQ, NA3077, HAZARI	HERMOSTA DOUS WAST	TS, CR <sup>-</sup> FE, SOL	.ID, N.O.S. (D009		e or intermi	TTENT		
EPA Hazardous Waste Code(s) D006 D008 D009 D011										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form Coo (Specify Oth W_32	ner)	Is this waste both hazardous and radioactive? Ves No			on code		
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         2026       pounds									
Was any owned to		naged on site by trea OTW)	)ne.	_	g□, disposal□ - <i>Skip to</i> <b>wASTE SH</b> I		e to a sewer o	or publicly		
	On-site I	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	thod Code:	н		
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recyclec	I, disposed: (C	Circle one) pounds		
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i>		-		ng? _No – Form is com	plete.			
Site 1	Name of M&EC/PermaFix	f receiving facility: ×			Dff Site nagement	Total Qu	antity Shippe	ed in 2017		
EPA ID Number of receiving facility: TNR000005397					hod Code H_ <sup>110</sup>		2026	pounds		
Site 2		f receiving facility: ber of receiving faci	ility:	Mar Met	Dff Site nagement hod Code H	Total Qu	antity Shippe	ed in 2017		
					•					

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

Page 69 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
(1) (Gei	Waste Description (See instructions.) Check one: □ Liquid _ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)         RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (D007, D008), NP-         (2) (Item 9b of manifest)       237, PU-239, TH-230, SOLID/OXIDE, 159 MBQ, FISSILE EXCEPTED									
<b>EPA Ha</b> D006 D00	zardous Waste C 17 D008	ode(s)								
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •							Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         1870       pounds									
Was any owned to	reatment works (P			-	ing□, disposal□ 0 – <i>Skip to</i> <b>WASTE SHI</b>		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
C	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
	-	ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	plete.			
Site 1	Name or EnergySolutions	f receiving facility: S Clive Facility		м	Off Site anagement	Total Qua	antity Shipped in 2017			
EPA ID Number of receiving facility: UTD982598898				ethod Code H. <sup>132</sup>		1870 pounds				
Site 2		f receiving facility: ber of receiving fac	ility:		Off Site anagement ethod Code	Total Qua	antity Shipped in 2017			
					н		pounds			

Page 70 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-89	0-008-982			Agency Inte	rest Number	3059			
Site Na	me (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	Saseous	s Diffusion Plant					
(1) (Ge	Waste Description (See instructions.) Check one:LiquidSolid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)         INTERMITTENT PROCESSES         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008),         (2) (Item 9b of manifest)									
<b>EPA Ha</b> D007 D00	zardous Waste C	code(s)								
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization cod         • • • • • • • • • • • • • • • • • • •							Minimization code			
	-	rated in Report Yea 72pot	r unds				ert this waste to pounds already listed in pounds)			
Was an owned t		naged on site by trea OTW)			ing□, disposal□ 9 – Skip to <b>WASTE SH</b> I		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
C	On Site Manageme	nt Method Code:	н		On Site N	lanagement Met	hod Code: H			
C	Quantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	Name of M&EC/PermaFi	f receiving facility: x		M	Off Site anagement	Total Qua	antity Shipped in 2017			
EPA ID Number of receiving facility: TNR000005397				ethod Code H _ <sup>110</sup>		1472 pounds				
Site 2		f receiving facility: ber of receiving fac	ility:	Off Site Management Method Code H		Total Quantity Shipped in 2017				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number         KY8-890-008-982         Agency Interest Number         3059										
Site Nar	ne (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	aseous	s Diffusion Plant						
(1) (Gei	Waste Description (See instructions.) Check one: □ LiquidSolid         ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)         PROCESSES         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D009, D011), AM-         (2) (Item 9b of manifest)         241, NP-237, PU-239, TC-99, TH-230, SOLID/OXIDE, 558.91 MBQ, FISSILE EXCEPTED										
(2) (Iter	m 9b of manifest)_	241, NF-207, 1 0-200,	10-33, 11	1-230, 0							
	EPA Hazardous Waste Code(s) D006 D008 D009 D011										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify C W		Is this wast hazardous radioactive	and ?	Waste Minimization code				
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         1260       pounds										
Was any owned to	reatment works (P			_	ng□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ess System 2				
C	n Site Manageme	ent Method Code:	Н		On Site M	lanagement Me	ethod Code: H				
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycle	d, disposed: (Circle one)pounds				
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i> j			_	ng? _No – Form is con	nplete.				
Site 1	Name of M&EC/PermaFi	f receiving facility: ×			Off Site anagement	Total Qu	antity Shipped in 2017				
EPA ID Number of receiving facility: TNR000005397				ethod Code H_ <sup>110</sup>		1260 pounds					
Site 2		f receiving facility: ber of receiving fac	ility:	Ма	Off Site anagement ethod Code	Total Qu	antity Shipped in 2017				
					н		pounds				

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

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059									
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah G	Baseous	B Diffusion Plant					
(1) (Gei	•	RQ, NA3077, HAZARI	HERMOS <sup>-</sup> DOUS WA	STE, SC			E OR INTERMITTENT			
EPA Hazardous Waste Code(s) D008 D009										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form C (Specify W		Is this wast hazardous radioactive ✓	and ?	Waste Minimization code			
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         858       pounds										
Was any owned to	reatment works (P				ng□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
O	n Site Manageme	nt Method Code:	Н	-	On Site N	lanagement Met	hod Code: H			
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one)pounds			
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	Name of M&EC/PermaFiz	f receiving facility: x			Off Site anagement	Total Qua	antity Shipped in 2017			
	EPA ID Numl TNR000005397	ber of receiving fac	ility:		ethod Code H. <sup>110</sup>		pounds			
Site 2		f receiving facility: ber of receiving fac	ility:		Off Site anagement ethod Code H	Total Qua	antity Shipped in 2017			

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

Page 73 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	EPA ID Number         KY8-890-008-982         Agency Interest Number        3059									
Site Nar	<b>ne</b> (As shown on Reo	gistration) <u>U.S. DOE P</u>	aducah G	Baseou	s Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one:LiquidSolid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)         INTERMITTENT PROCESSES         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D006, D007), AM-         (2) (Item 9b of manifest)									
<b>EPA Ha</b> D006 D00	zardous Waste C 7	code(s)								
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         W       002       Ves       X							Minimization code			
-		rated in Report Yea 25pot	r unds				rt this waste to pounds already listed in pounds)			
Was any owned tr	reatment works (P			_	ing□, disposal□ D – Skip to <b>WASTE SHI</b>		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
0	n Site Manageme	ent Method Code:	н	-	On Site M	lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	, disposed: (Circle one)			
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	<b>Name o</b> M&EC/PermaFi	f receiving facility: ×		м	Off Site anagement	Total Qua	antity Shipped in 2017			
EPA ID Number of receiving facility: TNR000005397				ethod Code H. <sup>110</sup>		525 pounds				
Site 2		f receiving facility: ber of receiving fac	ility:		Off Site lanagement ethod Code H	Total Quantity Shipped in 2017				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous Diffusion F	Plant					
(1) (Ger	COMPRESSE neral) OR PRODUC	nstructions.) Check one: ED GASES FROM DIS( CTS UN1950, WASTE AEF	CARDING OF	F-SPECIFICATIO						
EPA Hazardous Waste Code(s) D001 D003										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • W 801       • Yes • No						tion code				
	Quantity Gener 36	rated in Report Yea	unds		value used to	convert this was nount is already listed				
Was any owned tr	reatment works (P	naged on site by trea OTW) — ? Check O rocess System <i>block(s)</i>	one.	cycling□, dispo No – <i>skip to</i> was	-	-	r or publicly			
	On-site I	Process System 1			On-site	Process System	2			
0	n Site Manageme	nt Method Code:	н	On	Site Manageme	ent Method Code:	Н			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _pounds	Qua	antity treated, re	ecycled, disposed:	(Circle one)			
-		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i>		-		n is complete.				
Site 1	Name of Clean Harbors E	f receiving facility: El Dorado, LLC		Off Site Management	То	tal Quantity Ship	ped in 2017			
	EPA ID Numb ARD069748192	ber of receiving fac	ility:	: Method Code 502						
Site 2		f receiving facility:		Off Site Management		tal Quantity Ship	ped in 2017			
	EPA ID Numb	ber of receiving fac	ility:	Method Code H	; 		pounds			

Page 75 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059									
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE Pa</u>	aducah G	Baseous	s Diffusion Plant					
(1) (Ger	Waste Description (See instructions.) Check one:LiquidSolid         ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), 7         (2) (Item 9b of manifest)									
EPA Ha: D010	EPA Hazardous Waste Code(s) D010									
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form C (Specify W		hazardous and Minimization co					
-	Quantity Generation 45	rated in Report Yea	<b>r</b> unds				ert this waste to pounds already listed in pounds)			
Was any owned tr	reatment works (P				ng□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	thod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds			
		ITE oped off site in 2017 <sup>-</sup> ✓ Yes – <i>Continue com</i>				ng? _No – Form is comj	olete.			
Site 1	Name of EnergySolutions	f receiving facility: Clive Facility		Ma	Off Site anagement	Total Qua	antity Shipped in 2017			
EPA ID Number of receiving facility: UTD982598898				ethod Code H_ <sup>132</sup>		452 pounds				
Site 2		f receiving facility: per of receiving fac	ility:		Off Site anagement ethod Code H	Total Qu	antity Shipped in 2017			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	<u>aducah G</u>	aseous	Diffusion Plant					
(1) (Ger	•	RQ, NA3077, HAZARI	HERMOST	TATS, CR	LID, N.O.S. (D008		E OR INTERMITTENT			
EPA Hazardous Waste Code(s) D008										
	azardous Waste Code applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify C W		er) hazardous and Minimization cod					
-	Quantity Generation 41	rated in Report Yea	unds		Enter the value	e used to conve	ert this waste to pounds already listed in pounds)			
Was any owned tr	eatment works (P			_	ng, disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	Н	-	On Site M	lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one)pounds			
		ITE oped off site in 2017 f ☑ Yes – Continue comp				ng? _No – Form is comj	plete.			
Site 1	Name of EnergySolutions	f receiving facility: S Clive Facility			Off Site nagement	Total Qu	antity Shipped in 2017			
EPA ID Number of receiving facility: UTD982598898					thod Code H . <sup>132</sup>		416 pounds			
Site 2		f receiving facility: ber of receiving faci	ility:	Ма	Off Site magement thod Code	Total Qu	antity Shipped in 2017			
					н		pounds			

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059										
Site Name (As shown on Registration) U.S. DOE Padu	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
(1) (General) INTERMITTENT PROCESSES RQ, NA3077, HAZARDOU	CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR (1) (General) INTERMITTENT PROCESSES RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (ASBESTOS, D008), 9, PG III									
EPA Hazardous Waste Code(s) D008										
	orm Code Specify Othe W _002	hazardous 2 radioactive	and ?	Waste Minimization code X						
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds										
ON SITE MANAGEMENT Was any of this waste managed on site by treatme owned treatment works (POTW) ? Check One.	•	cycling□, disposal□ _No – skip to <b>waste shi</b>		e to a sewer or publicly						
On-site Process System 1			On-site Proce	ss System 2						
On Site Management Method Code: H	ł	On Site N	lanagement Met	thod Code: H						
Quantity treated, recycled, disposed: (Circle	e one) ounds	Quantity	treated, recycled	l, disposed: (Circle one) pounds						
WASTE SHIPPED OFF SITE Was any of this waste shipped off site in 2017 for Yes – Continue completi		_	ng? _No – Form is comp	plete.						
Site Name of receiving facility: EnergySolutions Clive Facility		Off Site	Total Qua	antity Shipped in 2017						
1 EPA ID Number of receiving facility UTD982598898	y:	Management Method Code H. <sup>132</sup>		pounds						
Site Name of receiving facility: 2 EBA ID Number of receiving facility		Off Site Management	Total Qua	antity Shipped in 2017						
EPA ID Number of receiving facility	y: 	Method Code H		pounds						

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
	Waste Description (See instructions.) Check one: □ Liquid _ Solid         FILTERS, SOLID ABSORBENTS, ION EXCHANGE RESINS AND SPENT CARBON FROM OTHER ONE-TIME OR         (1) (General)										
(2) (Iter	RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, (D007, D008, (2) (Item 9b of manifest) D011), AM-241, PU-238, PU-239, TH-230, SOLID/OXIDE, 30275 MBQ, FISSILE EXCEPTED										
<b>EPA Ha</b> D007 D00	zardous Waste C 8 D011	code(s)									
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify ( W		Is this wast hazardous radioactive	and ?	Waste Minimization code				
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         232       pounds										
Was any owned to	reatment works (P			-	ing□, disposal□ D – Skip to WASTE SHI		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ess System 2				
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Me	thod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	d, disposed: (Circle one)pounds				
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is com	plete.				
Site 1	Name of Waste Control S	f receiving facility: Specialists		М	Off Site anagement	Total Qu	antity Shipped in 2017				
	EPA ID Number of receiving facility: TXD988088464			M	ethod Code H . <sup>132</sup>		232 pounds				
Site 2		f receiving facility:	ility:		Off Site anagement ethod Code	Total Qu	antity Shipped in 2017				
					н		pounds				

Page 79 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-89</u>	0-008-982			_ Agency Inte	rest Number	3059			
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
(1) (Ger	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)       INTERMITTENT PROCESSES         RQ, UN3321, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D008, D010), AM-         (2) (Item 9b of manifest)       241, PU-239, TH-230, U-234, SOLID/OXIDE, 322 MBQ, FISSILE EXCEPTED									
EPA Hazardous Waste Code(s) D006 D007 D008 D010										
	azardous Waste Code applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify C W	Other)hazardous a radioactive?002Image: Construction of the second secon		and ?	Waste Minimization code A			
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         169       pounds										
Was any owned tr	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)									
	On-site	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	thod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one)pounds			
-		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is comj	olete.			
Site 1	Name of PermaFix of Flo	f receiving facility: rida, Inc.			Off Site	Total Qua	antity Shipped in 2017			
•	EPA ID Numl FLD980711071	ber of receiving fac	ility:	Management Method Code H . <sup>110</sup>			169 pounds			
Site 2		f receiving facility: ber of receiving fac	ility:	Ма	Off Site magement thod Code H	Total Quantity Shipped in 2017				

Page 80 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-89	0-008-982			Agency Inte	rest Number _	3059			
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
(1) (Ger	Waste Description (See instructions.) Check one: □ Liquid □ Solid         DRIED PAINT (PAINT CHIPS, FILTERS, AIR FILTERS, OTHER) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (D006, D007), AM-         (2) (Item 9b of manifest)       241, NP-237, PU-239, TH-230, SOLID/OXIDE, 10 MBQ, FISSILE EXCEPTED									
EPA Hazardous Waste Code(s) D006 D007 D008										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify C W	Other) hazardous a 406 radioactive		and ?	Waste Minimization code			
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         92       pounds									
Was any owned to	reatment works (P		)ne.		ng□, disposal□ - Skip to <b>WASTE SH</b> I		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
	-	ITE oped off site in 2017 ☑ Yes – Continue com			· · · · _ ·	ng? _No – Form is com	olete.			
Site 1	Name or EnergySolutions	f receiving facility: S Clive Facility			Off Site	Total Qua	antity Shipped in 2017			
	EPA ID Numl UTD982598898	ber of receiving fac	ility:	Management Method Code H_ <sup>132</sup>			167 pounds			
Site 2		f receiving facility: ber of receiving fac	ility:		Off Site anagement ethod Code H	Total Qu	antity Shipped in 2017 pounds			

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID Number KY8-890-00	08-982			_ Agency Inte	rest 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)									
EPA Hazardous Waste Code(s) D003									
Code *(S	ource Code Specify other) 5 16 **H **(For G25 only)	Form C (Specify C W		Is this wast hazardous radioactive	and ?	Waste Minimization code			
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         115       pounds									
owned treatment works (POT	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)								
On-site Pro	cess System 1				On-site Proces	ss System 2			
On Site Management M	Method Code:	н		On Site M	lanagement Metl	hod Code: H			
Quantity treated, recyc	cled, disposed: (Ci	rcle one) _pounds		Quantity	treated, recycled	, disposed: (Circle one) pounds			
WASTE SHIPPED OFF SITE Was any of this waste shipped			-	· · · · ·	ng? _No – Form is comp	olete.			
Site Name of re- 1 EnergySolutions Cli	ceiving facility: ive Facility			Off Site nagement	Total Qua	antity Shipped in 2017			
UTD982598898	of receiving faci	lity:	Method Code H_ <sup>132</sup>			150 pounds			
2	eceiving facility: of receiving faci	lity:	Ma Met	Off Site nagement thod Code H	Total Quantity Shipped in 2017				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	erest Number	3059			
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)       INTERMITTENT PROCESSES         RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (D008), 9, PG III         (2) (Item 9b of manifest)									
EPA Hazardous Waste Code(s) D008										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form Coc (Specify Oth W_00	hazardous ar radioactive?		and ?	Waste Minimization code A			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         91       pounds									
Was any owned tr	reatment works (P		ne.		g□, disposal□ Skip to <b>WASTE SH</b> I		e to a sewer or publicly			
	On-site I	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	Н		On Site N	Aanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one)pounds			
	· · · · · · · · · · · · · · · · · · ·	ITE oped off site in 2017 <sup>-</sup> ✓ Yes – <i>Continue com</i>		-		ng? _No – Form is comj	olete.			
Site 1	Name of EnergySolutions	f receiving facility: S Clive Facility			off Site agement	Total Qu	antity Shipped in 2017			
	EPA ID Numb UTD982598898	per of receiving fac	ility:		nod Code I _ <sup>132</sup>		91 pounds			
Site 2		f receiving facility:		Man	off Site agement	Total Qua	antity Shipped in 2017			
	EPA ID Numb	per of receiving fac	ility:		nod Code I		pounds			

Page 83 of 117

EPA ID Number       KY8-890-008-982       Agency Interest Number       3059         Site Name (As shown on Registration)       U.S. DOE Paducah Gaseous Diffusion Plant         Waste Description (See instructions.)       Check one:       Liquid       Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR										
Waste Description (See instructions.) Check one: Liquid Solid CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR										
CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
· · · · · · · · · · · · · · · · · · ·										
EPA Hazardous Waste Code(s) D007										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •										
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         30       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	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.									
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)       Quantity treated, recycled, disposed: (Circle one)	)									
WASTE SHIPPED OFF SITE Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling? 										
Site         Name of receiving facility:         Off Site           1         M&EC/PermaFix         Management         Total Quantity Shipped in 2017	,									
EPA ID Number of receiving facility:     Method Code       TNR000005397     H.110	s									
Site     Name of receiving facility:     Off Site       2      Management       EPA ID Number of receiving facility:     Method Code        H										

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-89</u>	0-008-982		· · · · · · · · · · · · · · · · · · ·	Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	istration) <u>U.S. DOE Pa</u>	aducah G	Baseous	Diffusion Plant					
(1) (Ger	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         UN1479, WASTE OXIDIZING SOLID, N.O.S., 5.1, PG II         (2) (Item 9b of manifest)									
EPA Hazardous Waste Code(s) LABP(D001 D007)										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>11</u> **H **(For G25 only)	Form C (Specify C W	Other) hazardous a radioactive		and ?	Waste Minimization code			
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds										
Was any owned to	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 Proces	ss System 2			
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one) pounds			
		TE oped off site in 2017 <sup>-</sup> ✓ Yes – <i>Continue com</i>			· · · · · · · · · · · · · · · · · · ·	ng? _No – Form is comp	olete.			
Site 1	Name of EnergySolutions	f <b>receiving facility:</b> S Clive Facility		Ma	Off Site	Total Qua	antity Shipped in 2017			
	EPA ID Numl UTD982598898	per of receiving fac	ility:	Management Method Code H. <sup>132</sup>			pounds			
Site 2		f receiving facility: per of receiving fac	ility:		Off Site anagement ethod Code H	Total Qua	antity Shipped in 2017			
					••					

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY8-890	0-008-982			Agency Inte	rest Number	3059			
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
(1) (Gei	LAB PACKS AND/OR UNU	nstructions.) Check one: WITH NO ACUTE HAZ. JSED CHEMICALS OR UN1479, WASTE OXI	ARDOUS N PRODUC	NASTE TS DLID, N.(	O.S., 5.1, PG II	NG OFF-SPECIFIC	ATION, OUT-OF-DATE,			
EPA Hazardous Waste Code(s) LABP(D001)										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>11</u> **H **(For G25 only)	Form C (Specify C W	Other)   hazardous a     001   radioactive		and ?	Waste Minimization code			
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds										
Was any owned to	reatment works (P		ne.	_	ng□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
С	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
G	Quantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one) pounds			
		ITE oped off site in 2017 <sup>-</sup> ✓ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	Name of EnergySolutions	f receiving facility: S Clive Facility		Ма	Off Site anagement	Total Qua	antity Shipped in 2017			
	EPA ID Numl UTD982598898	per of receiving fac	ility:	Method Code H <sup>132</sup>			22 pounds			
Site 2		f receiving facility: per of receiving fac	ility:		Off Site anagement ethod Code	Total Qua	antity Shipped in 2017			
					н		pounds			

Page 86 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE P</u>	aducah G	Saseous	s Diffusion Plant					
Waste Description (See instructions.) Check one:       Liquid       Solid         METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         RQ, UN3321, RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7 (D008, D011), NP-237, PU-         (2) (Item 9b of manifest)       239, TC-99, TH-230, U-234, SOLID/OXIDE, 15 MBQ, FISSILE EXCEPTED										
EPA Hazardous Waste Code(s) D006 D008 D011										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify C W	Dther)   hazardous a     307   radioactive		and ?	Waste Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds									
Was any owned to	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 Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one)			
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i> j			· · ·	ng? _No – Form is com	olete.			
Site 1	Name of EnergySolutions	f receiving facility: Clive Facility		Ма	Off Site anagement	Total Qua	antity Shipped in 2017			
	UTD982598898		ility:		ethod Code H . <sup>132</sup>		21 pounds			
Site 2		f receiving facility:	ility:		Off Site anagement ethod Code	Total Qua	antity Shipped in 2017			
					Н		pounds			

Page 87 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
(1) (Gei	Waste Description (See instructions.) Check one: □ Liquid _ Solid         ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)         RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), 7         (2) (Item 9b of manifest)									
<b>EPA Ha</b> D009	EPA Hazardous Waste Code(s) D009									
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form C (Specify C W	Other) hazardous a 320 radioactive		and ?	Waste Minimization code			
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         13       pounds										
Was any owned to	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 Proces	ss System 2			
С	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	hod Code: H			
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>			· · · · · · · · · · · · · · · · · · ·	ng? _No – Form is comp	olete.			
Site 1	Name of EnergySolutions	f receiving facility: S Clive Facility		M	Off Site	Total Qua	antity Shipped in 2017			
I	EPA ID Numl UTD982598898	ber of receiving fac	ility:	Management Method Code H. <sup>132</sup>			pounds			
Site 2		f receiving facility:	ility:		Off Site anagement ethod Code	Total Qua	antity Shipped in 2017			
					н		pounds			

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Page 88 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID N	lumber <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059			
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Gene	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         UN1479, WASTE OXIDIZING SOLID, N.O.S., 5.1, PG III         (2) (Item 9b of manifest)									
	EPA Hazardous Waste Code(s) LABP(D001)									
	zardous Waste Code applicable)	Source Code *(Specify other) *G <u>11</u> **H **(For G25 only)	(Specify	Form Code     Is this waster       Specify Other)     hazardous a       W     001       Image: Constraint of the system     Image: Constraint of the system		and ?	Waste Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds									
Was any o owned tre	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)									
	On-site	Process System 1				On-site Proces	ss System 2			
On	Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H			
Qu 	antity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds			
		TE oped off site in 2017 <sup>-</sup> ✓Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.			
Site 1	Name of EnergySolutions	f <b>receiving facility:</b> Clive Facility		Ma	Off Site anagement	Total Qua	antity Shipped in 2017			
	EPA ID Numb UTD982598898	per of receiving fac	ility:	Method Code H. <sup>132</sup>			16 pounds			
Site 2		f receiving facility:			Off Site	Total Qua	antity Shipped in 2017			
	EPA ID Num	per of receiving fac	ty:	Me	ethod Code H		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID N	lumber <u>KY8-890</u>	)-008-982			Agency Inte	rest Number	3059			
Site Name	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
		nstructions.) Check one: WITH NO ACUTE HAZ/ JSED CHEMICALS OR UN3190, WASTE SEL	ARDOUS W R PRODUCT	VASTE F TS			CATION, OUT-OF-DATE,			
(2) (Item	9b of manifest)									
EPA Hazardous Waste Code(s) LABP(D001 D003)										
	zardous Waste Code applicable)	Source Code *(Specify other) *G <u>11</u> **H **(For G25 only)	Form Co (Specify O W_(	Other) hazardous a radioactive?		and ?	Waste Minimization code			
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds									
Was any o owned tre	eatment works (P		)ne.		ng, disposal		e to a sewer or publicly			
	On-site I	Process System 1				On-site Proce	ss System 2			
On	Site Manageme	nt Method Code:	н		On Site N	lanagement Met	thod Code: H			
Qua	antity treated, re	cycled, disposed: (Ci	ircle one) _ pounds		Quantity	treated, recycled	I, disposed: (Circle one)pounds			
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i> p		-	· · · · · · · · · · · · · · · · · · ·	ng? _No – Form is comj	olete.			
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)		Off Site	Total Qu	antity Shipped in 2017			
	TND982109142		ility:	Management Method Code H . <sup>040</sup>			16 pounds			
Site 2		f receiving facility:		Ma	Off Site inagement thod Code	Total Qu	antity Shipped in 2017			
					H		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059			
Site Nar	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous D	Diffusion Plant					
(1) (Ger	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         UN3288, WASTE TOXIC SOLID, INORGANIC, N.O.S. (BARIUM CHLORIDE DIHYDRATE, MERCURIC         (2) (Item 9b of manifest)       IODIDE), 6.1, PG II									
EPA Hazardous Waste Code(s) LABP(D004 D005 D009)										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>11</u> **H **(For G25 only)	Form Coo (Specify Oth W_0	Other)   hazardous a     001   radioactive		and ?	Waste Minimization code			
-	Quantity Generated in Report Year       0       Enter the value used to convert this waste to pounds         (Leave blank if waste amount is already listed in pounds)									
Was any owned ti		naged on site by trea OTW)	)ne.		, disposal  Skip to WASTE SHI		e to a sewer or publicly			
	On-site l	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	thod Code: H			
Q	luantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recyclec	I, disposed: (Circle one)			
		ITE oped off site in 2017 ↑ ☑ Yes – Continue com		-		ng? _No – Form is com	olete.			
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			ff Site agement	Total Qu	antity Shipped in 2017			
	EPA ID Numb UTD982598898	ber of receiving fac	ility:	Method Code H 132			16 pounds			
Site 2		f receiving facility:		Man	ff Site agement	Total Qu	antity Shipped in 2017			
	EPA ID Numb	ber of receiving fac	ility:		od Code		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number      3059											
Site Nar	me (As shown on Rec	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant						
(1) (Gei	ELECTRICAL PROCESSES	DEVICES (LAMPS, THE DEVICES (LAMPS, THE DEVICES (LAMPS, THE DEVICES UN3506, WASTE MER	HERMOSTA	TS, CR	ED IN MANUFACT	URED ARTICLES					
EPA Hazardous Waste Code(s) D006 D009											
State Hazardous Waste       Source Code       Form C         (if applicable)       *G 19 **H       (Specify other)         **(For G25 only)       W											
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         15       pounds										
Was any owned to		naged on site by trea OTW)	ne.	_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
C	on Site Manageme	nt Method Code:	Η		On Site M	lanagement Met	hod Code: H				
G	luantity treated, re	cycled, disposed: (Ci	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one)				
		ITE oped off site in 2017 ↑ ☑ Yes – <i>Continue com</i>			_	ng? _No – Form is comp	olete.				
Site 1	Name of Clean Harbors E	f receiving facility: El Dorado, LLC			Off Site nagement	Total Qua	antity Shipped in 2017				
EPA ID Number of receiving facility:     Method Code       ARD069748192     H							15 pounds				
Site 2		f receiving facility: ber of receiving faci	ility:	Ma Me	Off Site nagement thod Code	Total Qua	antity Shipped in 2017				
					Н		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059				
Site Nar	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah G	aseous	Diffusion Plant						
(1) (Ger	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         UN2811, WASTE TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, PG III         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) LABP(D005 D008 U144)											
Code*(Specify other)(Specify Other)hazardous andMinin(if applicable)*G 11 **Hw 001radioactive?							Waste Minimization code				
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds											
Was any owned to		naged on site by trea OTW)	ne.	_	ng, disposal		e to a sewer or publicly				
	On-site l	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	Н		On Site N	lanagement Met	hod Code: H				
Q	luantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one)pounds				
		ITE oped off site in 2017 f ☑ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qua	antity Shipped in 2017				
	EPA ID Numb UTD982598898	ber of receiving fac	ility:	-	thod Code H . <sup>132</sup>		14 pounds				
Site 2		f receiving facility:		Ма	Off Site nagement	Total Quantity Shipped in 2017					
		ber of receiving fac	ty:		thod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	erest Number	3059				
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous E	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         UN3135, WASTE WATER-REACTIVE SOLID, SELF HEATING, N.O.S., 4.3 (4.2), PG I         (2) (Item 9b of manifest)											
EPA Ha	zardous Waste C 01 D003)	ode(s)									
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •											
-	Quantity Generated in Report Year     Enter the value used to convert this waste to pounds       0     pounds										
Was any owned tr		naged on site by trea OTW)	ne.		J□, disposal□ Skip to <b>WASTE SH</b> I		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proce	ess System 2				
0	n Site Manageme	nt Method Code:	н		On Site N	Management Me	thod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	d, disposed: (Circle one)pounds				
		ITE oped off site in 2017 ↑ ☑ Yes – <i>Continue com</i>		-		ng? _No – Form is com	plete.				
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)	-	off Site agement	Total Qu	antity Shipped in 2017				
	EPA ID Numb TND982109142	ber of receiving fac	ility:		nod Code 1 _ <sup>110</sup>		14 pounds				
Site 2		f receiving facility: ber of receiving faci	ility:	Man	off Site agement nod Code	Total Qu	antity Shipped in 2017				
				н	I		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number <u>KY8-890</u>	0-008-982			Agency Inte	rest Number	3059				
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u> a	aducah Gas	seous Di	ffusion Plant						
Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         LAB PACKS CONTAINING ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS OR PRODUCTS       Image: Contract of the state											
	EPA Hazardous Waste Code(s) LABP(D003 P098 P106)										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         W       004       W       Ves       X											
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds										
Was any owned tr		naged on site by trea OTW)	)ne.	_	, disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proce	ss System 2				
0	n Site Manageme	nt Method Code:	н		On Site M	lanagement Met	thod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one)		Quantity	treated, recycled	l, disposed: (Circle one)pounds				
		ITE oped off site in 2017 ↑ ☑ Yes – <i>Continue com</i>		-		ng? _No – Form is comj	olete.				
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)	_	f Site gement	Total Qu	antity Shipped in 2017				
	EPA ID Numb TND982109142	ber of receiving fac	ility:		040		12 pounds				
Site 2		f receiving facility: ber of receiving faci	ility:	Mana	f Site gement od Code	Total Qu	antity Shipped in 2017				
				H.			pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number <u>KY8-890</u>	)-008-982			Agency Inte	rest Number	3059				
Site Nar	<b>ne</b> (As shown on Reg	jistration) <u>U.S. DOE P</u> a	aducah Ga	seous	Diffusion Plant						
(1) (Gei	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         NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, PG III         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) LABP(D005 D007 D011)											
State Hazardous Waste       Source Code       Form Co         Code       *(Specify other)       (Specify Other)         (if applicable)       *G 11 **H       W         **(For G25 only)       W					other)     hazardous and     Minimization code       001     Image: Constraint of the second seco						
	Quantity Generated in Report Year     Enter the value used to convert this waste to pounds       0     pounds										
Was any owned to		naged on site by trea OTW)	)ne.	_	g, disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proce	ss System 2				
C	n Site Manageme	nt Method Code:	н		On Site N	lanagement Met	thod Code: H				
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recyclec	l, disposed: (Circle one)pounds				
	-	ITE oped off site in 2017 <sup>-</sup> ✓ Yes – <i>Continue com</i>		-	-	ng? _No – Form is com	olete.				
Site 1	Name of EnergySolutions	f receiving facility: Solive Facility			Off Site nagement	Total Qu	antity Shipped in 2017				
	EPA ID Numb UTD982598898	per of receiving fac	ility:		hod Code H . <sup>132</sup>		12 pounds				
Site 2		f receiving facility:		Mai	Off Site nagement	Total Qu	antity Shipped in 2017				
	EPA ID Numb	per of receiving fac	ility:		hod Code H		pounds				

Page 96 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         LAB PACKS WITH NO ACUTE HAZARDOUS WASTE FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE,         (1) (General)       AND/OR UNUSED CHEMICALS OR PRODUCTS         UN3085, WASTE OXIDIZING SOLID, CORROSIVE, N.O.S. (PHOSPHOMOLYBDIC ACID), 5.1 (8), PG III         (2) (Item 9b of manifest)											
	EPA Hazardous Waste Code(s) LABP(D001)										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •											
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds										
Was any owned tr	eatment works (P	naged on site by trea OTW) — ? Check C ocess System <i>block(s)</i>		_	ing□, disposal□ 0 – Skip to <b>WASTE SH</b> I		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proce	ss System 2				
O	n Site Manageme	nt Method Code:	Η	-	On Site N	lanagement Me	thod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	1	Quantity	treated, recycled	d, disposed: (Circle one)pounds				
	-	TE pped off site in 2017 ☑ Yes – <i>Continue com</i>				ng? _No – Form is com	plete.				
Site 1	Name of EnergySolutions	<b>receiving facility:</b> Clive Facility		м	Off Site anagement	Total Qu	antity Shipped in 2017				
EPA ID Number of receiving facility: UTD982598898					ethod Code H_ <sup>132</sup>		12 pounds				
Site 2		receiving facility:			Off Site anagement ethod Code	Total Qu	antity Shipped in 2017				
				IVI	H		pounds				

Page 97 of 117

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	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         UN3089, WASTE METAL POWDERS, FLAMMABLE, N.O.S., 4.1, PG II         (2) (Item 9b of manifest)										
	EPA Hazardous Waste Code(s) LABP(D001)										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         W       001       Ves       X											
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         0       pounds										
Was any owned tr	eatment works (P			_	Bling□, disposa 0 – Skip to <b>WASTE</b>			to a sewer or publicly			
	On-site	Process System 1				C	On-site Proces	ss System 2			
0	n Site Manageme	nt Method Code:	Н	-	On Site	e Mar	nagement Metl	nod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quanti	ity tre	ated, recycled	, disposed: (Circle one) pounds			
		ITE oped off site in 2017 ☑ Yes – <i>Continue com</i>			· · ·		? 0 – Form is comp	lete.			
Site		f receiving facility: ntific Services, Inc. (DS	SI)	_	Off Site		Total Qua	Intity Shipped in 2017			
1		per of receiving fac			lanagement lethod Code						
	TND982109142				<b>H</b> _ <sup>110</sup>			12 pounds			
Site 2	<b>,</b>			N	Off Site Ianagement		Total Qua	Intity Shipped in 2017			
	EPA ID Numl	per of receiving fac	ility:	N	lethod Code H			pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number KY8-890	0-008-982			Agency Inte	erest Number	3059				
Site Nar	me (As shown on Rec	gistration) <u>U.S. DOE P</u> a	aducah Ga	seous I	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)											
EPA Hazardous Waste Code(s) D006											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization co A         • • • • • • • • • • • • • • • • • • •							Minimization code				
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         220       pounds											
Was any owned tr		naged on site by trea OTW)	ne.	_	g , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ss System 2				
0	on Site Manageme	nt Method Code:	н		On Site N	Management Me	thod Code: H				
Q	≀uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one)pounds				
	SHIPPED OFF S y of this waste ship 	ITE oped off site in 2017 <sup>-</sup> □ Yes – <i>Continue com</i> j		•	· ·	ng? _No – Form is com	olete.				
Site 1		f receiving facility:		Mar	Off Site nagement		antity Shipped in 2017				
EPA ID Number of receiving facility:     Method Code											
Site 2		f receiving facility: ber of receiving fac	ility:	Mar	Off Site nagement hod Code	Total Qu	antity Shipped in 2017				
				ŀ	ł		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY8-890-008-982         Agency Interest Number        3059											
Site Nar	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant						
(1) (Ger	Waste Description (See instructions.) Check one:       Liquid       ✓_Solid         BATTERIES, BATTERY PARTS, CORES, CASINGS FROM OIL CHANGES AND FILTER OR BATTERY REPLACEMENT         (1) (General)										
EPA Hazardous Waste Code(s) D008											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code A         W       309       V 309       Is this waste both hazardous and radioactive?       Waste A							Minimization code				
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         30       pounds											
Was any owned to		naged on site by trea OTW)	)ne.	-	ng , disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proces	ss System 2				
0	In Site Manageme	nt Method Code:	Н		On Site N	lanagement Met	hod Code: H				
Q	luantity treated, re	cycled, disposed: (C	ircle one)		Quantity t	treated, recycled	, disposed: (Circle one) pounds				
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 f □_Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site 1		f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017				
EPA ID Number of receiving facility:     Method Code							pounds				
Site 2		Name of receiving facility: O Mana				Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving fac	ility:		thod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059												
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant												
(1) (Gei	Waste Description (See instructions.) Check one: □_LiquidSolid         COMPRESSED GASES FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS         (1) (General) OR PRODUCTS         NA         (2) (Item 9b of manifest)											
EPA Hazardous Waste Code(s) D001 D003												
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •												
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         548       pounds												
Was any owned to		naged on site by trea OTW)		_	ng , disposal		e to a sewer or publicly					
	On-site	Process System 1				On-site Proces	ss System 2					
0	on Site Manageme	nt Method Code:	Н	_	On Site M	lanagement Met	hod Code: H					
G	Quantity treated, re	cycled, disposed: (C	ircle one	)	Quantity	treated, recycled	, disposed: (Circle one) pounds					
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.					
Site 1	Name of	f receiving facility:			Off Site anagement	Total Qua	antity Shipped in 2017					
	EPA ID Numl	per of receiving fac	ility:	ethod Code		pounds						
Site 2		f receiving facility:		Ма	Off Site anagement	Total Qua	antity Shipped in 2017					
	EPA ID Numl	per of receiving fac	ility:	Ме	ethod Code H		pounds					

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY8-890-008-982         Agency Interest Number        3059											
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
(1) (Gei	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)       INTERMITTENT PROCESSES         NA         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D007											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code         • • • • • • • • • • • • • • • • • • •											
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         5422       pounds										
Was any owned to		naged on site by trea OTW)		_	ng, disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
C	n Site Manageme	nt Method Code:	Н	_	On Site N	lanagement Met	hod Code: H				
G	Quantity treated, re	cycled, disposed: (C	ircle one	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds				
	SHIPPED OFF S	ITE oped off site in 2017 Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site 1	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
	EPA ID Numl	per of receiving fac	ility:	Ме	nagement thod Code H		pounds				
Site 2	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
	EPA ID Numl	per of receiving fac	ility:	_	thod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Gei	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)       INTERMITTENT PROCESSES         NA         (2) (Item 9b of manifest)										
<b>EPA Ha</b> D008	EPA Hazardous Waste Code(s) D008										
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization         • • • • • • • • • • • • • • • • • • •											
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         4510       pounds										
Was any owned to	reatment works (P			_	ng, disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
C	n Site Manageme	nt Method Code:	Н	_	On Site M	lanagement Met	hod Code: H				
G	euantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	, disposed: (Circle one) pounds				
	SHIPPED OFF S / of this waste ship	ITE oped off site in 2017 f □_Yes – Continue comp				ng? _No – Form is comp	olete.				
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
1	EPA ID Num	ber of receiving fac	ility:	Ме	nagement thod Code		pounds				
							P =				
Site 2		f receiving facility:		Ма	Off Site	Total Qua	antity Shipped in 2017				
	EPA ID Numi	ber of receiving fac	ility:	_	thod Code H		pounds				

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Gei	Waste Description (See instructions.) Check one: □ Liquid _ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General) INTERMITTENT PROCESSES         NA         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D006 D007 D008											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify W		Is this wast hazardous radioactive	and ?	Waste Minimization code				
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         740       pounds										
Was any owned to	reatment works (P			_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ss System 2				
C	n Site Manageme	nt Method Code:	н	_	On Site N	lanagement Met	hod Code: H				
G	Quantity treated, re	cycled, disposed: (C	ircle one	)	Quantity	treated, recycled	I, disposed: (Circle one)pounds				
	SHIPPED OFF S	ITE oped off site in 2017 □ Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site 1	Name o	f receiving facility:		Ма	Off Site anagement	Total Qua	antity Shipped in 2017				
	EPA ID Numl	ber of receiving fac	ility:	Me	ethod Code H		pounds				
Site 2	Name o	f receiving facility:		Ма	Off Site anagement	Total Qua	antity Shipped in 2017				
	EPA ID Numl	ber of receiving fac	ility:	Me	ethod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Nar	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah C	Gaseous	Diffusion Plant						
(1) (Ger	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)       INTERMITTENT PROCESSES         NA         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D006 D008 D018											
	azardous Waste Code if applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify C W		Is this wast hazardous radioactive	and ?	Waste Minimization code				
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         302       pounds										
Was any owned to		naged on site by trea OTW)		_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	In Site Manageme	nt Method Code:	н	_	On Site M	lanagement Met	hod Code: H				
Q	luantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	, disposed: (Circle one)				
	SHIPPED OFF Si y of this waste ship	ITE oped off site in 2017 f □_Yes – Continue com				ng? _No – Form is comp	olete.				
Site 1	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving fac	ility:	Me	thod Code		pounds				
Site 2		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving fac	ility:		thod Code H		pounds				

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nar	me (As shown on Rec	gistration) <u>U.S. DOE Pa</u>	aducah C	aseous	Diffusion Plant						
(1) (Gei	CONTAMINA INTERMITTE	nstructions.) Check one: NTED DEBRIS: PAPER, NT PROCESSES	, CLOTHIN	IG, RAGS			ER ONE-TIME OR				
EPA Hazardous Waste Code(s) D006 D007 D008											
	azardous Waste Code if applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify C W		r) hazardous and Minimization of		Minimization code				
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         120       pounds										
Was any owned to	reatment works (P			_	ng, disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ss System 2				
C	On Site Manageme	nt Method Code:	н	-	On Site N	lanagement Met	thod Code: H				
G	luantity treated, re	ecycled, disposed: (C	ircle one) pounds		Quantity	treated, recycled	l, disposed: (Circle one)pounds				
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 <sup>-</sup> □Yes – <i>Continue com</i>				ng? _No – Form is comj	olete.				
Site 1	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017				
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds				
Site 2		f receiving facility:		Ма	Off Site inagement	Total Qua	antity Shipped in 2017				
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds				

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
	EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	Waste Description (See instructions.) Check one:       Liquid       ✓_Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)       INTERMITTENT PROCESSES         NA         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D006 D007 D008 D010											
	azardous Waste Code if applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify C W		Is this waste both hazardous and radioactive? ✓ Yes No		Minimization code				
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         112										
Was any owned to		naged on site by trea OTW)		-	ng, disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ss System 2				
0	On Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H				
Q	luantity treated, re	cycled, disposed: (C	i <b>rcle one</b> ) pounds		Quantity	treated, recycled	l, disposed: (Circle one) pounds				
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 <sup>-</sup> □ Yes – <i>Continue com</i> j			· · · _ ·	ng? _No – Form is comp	olete.				
Site 1	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving fac	ility:		thod Code H		pounds				
Site 2	Name of	f receiving facility:		Off Site Management Total Quantity Shipped in							
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number      3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR         (1) (General)       INTERMITTENT PROCESSES         NA         (2) (Item 9b of manifest)											
EPA Hazardous Waste Code(s) F001 F002											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form C (Specify W		Other) hazardous and		Waste Minimization code				
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         44										
Was any owned to		naged on site by trea OTW)		_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
O	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H				
G	uantity treated, re	cycled, disposed: (C	ircle one	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds				
	SHIPPED OFF S / of this waste ship	ITE oped off site in 2017 Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
1	EPA ID Num	per of receiving fac	ility:	Ме	anagement ethod Code H		pounds				
Site 2	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
	EPA ID Numl	per of receiving fac	ility:	Ме	ethod Code H		pounds				

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number      3059											
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
(1) (Ger	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         DRIED PAINT (PAINT CHIPS, FILTERS, AIR FILTERS, OTHER) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         NA         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D006 D007 D008											
State Hazardous Waste Code (if applicable)       Source Code *(Specify other)       Form Code (Specify Other)       Is this waste both hazardous and radioactive?       Waste Minimization code X         • • • • • • • • • • • • • • • • • • •											
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         90       pounds										
Was any owned to	reatment works (P			_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н	_	On Site N	lanagement Met	hod Code: H				
G	uantity treated, re	cycled, disposed: (C	ircle one	)	Quantity	treated, recycled	, disposed: (Circle one)				
	SHIPPED OFF S / of this waste ship	ITE oped off site in 2017 Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
1	EPA ID Numl	ber of receiving fac	ility:		nagement thod Code						
	pounds										
Site 2	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
	EPA ID Numl	ber of receiving fac	ility:	_	thod Code H	pounds					

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number KY8-890	0-008-982			_ Agency Inte	rest Number	3059				
Site Nar	me (As shown on Rec	gistration) <u>U.S. DOE P</u> a	aducah C	aseous	Diffusion Plant						
(1) (Ger	Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         NA         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D006 D008 D009 D011											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify C W		Is this wast hazardous radioactive	and ?	Waste Minimization code				
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         11184										
Was any owned to		naged on site by trea OTW)		_	ng, disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H				
Q	luantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one) pounds				
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 <sup>−</sup> Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site 1		f receiving facility:			Off Site inagement	Total Qua	antity Shipped in 2017				
	EPA ID Numb	ber of receiving fac	ility:		thod Code H		pounds				
Site 2		f receiving facility:		Ма	Off Site magement	Total Qua	antity Shipped in 2017				
		ber of receiving fac			thod Code H		pounds				

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059										
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
Waste Description (See instructions.) Check one: □LiquidSolid         ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)         PROCESSES         NA         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D006 D008 D009										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify W		Other) hazardous and Mir		Waste Minimization code			
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         3336       pounds										
Was any owned to	reatment works (P			_	ng , disposal		e to a sewer or publicly			
	On-site	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	nt Method Code:	н	-	On Site N	lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds			
	SHIPPED OFF S	ITE oped off site in 2017 Yes – <i>Continue com</i> /			· · · · _ ·	ng? _No – Form is comp	plete.			
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017			
1		per of receiving fac	ility.		nagement thod Code					
					H_		pounds			
Site 2	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017			
	EPA ID Numl	per of receiving fac	ility:		thod Code H		pounds			

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	Waste Description (See instructions.) Check one:LiquidSolid         ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)         PROCESSES         NA         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D008											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	Form C (Specify W		er) hazardous and Minimization cod						
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         1804       pounds										
Was any owned tr	eatment works (P			_	ng, disposal		e to a sewer or publicly				
	On-site I	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	, disposed: (Circle one)				
	SHIPPED OFF S of this waste ship	ITE oped off site in 2017 <sup>-</sup> ☐Yes – <i>Continue com</i>				ng? _No – Form is comp	olete.				
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
1	EPA ID Num	per of receiving fac	ility:		nagement thod Code						
					H.		pounds				
Site 2		f receiving facility:		Ма	Off Site anagement	Total Qua	antity Shipped in 2017				
	EPA ID Num	per of receiving fac	ility:		thod Code H		pounds				

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

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number      3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
Waste Description (See instructions.) Check one:LiquidSolid         ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         NA         (2) (Item 9b of manifest)											
	EPA Hazardous Waste Code(s) D006 D008 D011										
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify W		Other) hazardous and Minimia		Minimization code				
	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         135       pounds										
Was any owned to		naged on site by trea OTW)		_	g, disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ss System 2				
C	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H				
G	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds				
	SHIPPED OFF S / of this waste ship	ITE oped off site in 2017 □ Yes – <i>Continue com</i>		-		ng? _No – Form is comj	olete.				
Site	Name of	f receiving facility:			Off Site	Total Qu	antity Shipped in 2017				
1	FPA ID Num	ber of receiving fac	ility:		nagement thod Code						
	EPA ID Number of receiving facility:     Method Code										
Site 2	Name of	f receiving facility:			Off Site nagement	Total Qu	antity Shipped in 2017				
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds				

Comments: GENERATED AS A RESULT OF MAINTENANCE ACTIVITIES

	Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number       KY8-890-008-982       Agency Interest Number       3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
Waste Description (See instructions.) Check one:       Liquid       ✓ Solid         ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         NA         (2) (Item 9b of manifest)											
EPA Hazardous Waste Code(s) D003 D006 D008 D009											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>19</u> **H **(For G25 only)	Form C (Specify W		ther) hazardous and Minimization of						
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         94       pounds											
Was any owned to		naged on site by trea OTW)		_	g□, disposal□ - Skip to <b>WASTE SHI</b>		e to a sewer or publicly				
	On-site	Process System 1				On-site Proce	ss System 2				
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds				
	SHIPPED OFF S	ITE oped off site in 2017 Yes – Continue com		-		ng? _No – Form is com	olete.				
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
1	FPA ID Num	ber of receiving fac	ility:		nagement thod Code						
					H <u>.</u>		pounds				
Site 2	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017				
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds				

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

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number         KY8-890-008-982         Agency Interest Number         3059											
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
(1) (Ger	Waste Description (See instructions.) Check one: □ Liquid _ Solid         ELECTRICAL DEVICES (LAMPS, THERMOSTATS, CRTS, ETC.) FROM OTHER ONE-TIME OR INTERMITTENT         (1) (General)       PROCESSES         NA         (2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D009											
	azardous Waste Code f applicable)	Source Code *(Specify other) *G 19 **H **(For G25 only)	hazardous radioactive	Is this waste both hazardous and radioactive? Ves No							
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         40											
Was any owned to	eatment works (P	naged on site by trea OTW) — ? Check O rocess System <i>block(s)</i>		_	ng , disposal		e to a sewer or publicly				
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н	-	On Site M	lanagement Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds	)	Quantity	treated, recycled	l, disposed: (Circle one) pounds				
	SHIPPED OFF S	ITE oped off site in 2017 Yes – Continue comp			· · · · · · · · · · · · · · · · · · ·	ng? _No – Form is comp	olete.				
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2017				
1		per of receiving fac	ility.		nagement thod Code		· · · ·				
					H_		pounds				
Site 2	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2017				
	EPA ID Numl	per of receiving fac	ility:		thod Code H		pounds				

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

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM								
EPA ID Number KY8-890-008-982					Agency Inte	rest Number	3059	
Site Nar	ne (As shown on Reg	jistration) <u>U.S. DOE Pa</u>	aducah C	Gaseous	Diffusion Plant			
(1) (Ger	Waste Description (See instructions.) Check one: Liquid Solid FILTERS, SOLID ABSORBENTS, ION EXCHANGE RESINS AND SPENT CARBON FROM OIL CHANGES AND FILTER (1) (General) OR BATTERY REPLACEMENT NA (2) (Item 9b of manifest)							
EPA Hazardous Waste Code(s) D006 D008 D018								
	azardous Waste Code f applicable)	Source Code *(Specify other) *G <u>16</u> **H **(For G25 only)	Form C (Specify W		her) hazardous and		Waste Minimization code X	
-	Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         598       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 Proces	ss System 2	
0	n Site Manageme	nt Method Code:	н	-	On Site Management Method Code: H			
Q	Quantity treated, recycled, disposed: (Circle one)       Quantity treated, recycled, disposed: (Circle one)        pounds      pounds							
	SHIPPED OFF S y of this waste ship	ITE oped off site in 2017 f □_Yes – <i>Continue com</i>				ng? _No – Form is comp	plete.	
Site 1	Name of	f receiving facility:		Off Site Management		Total Quantity Shipped in 2017		
	EPA ID Numb	ber of receiving fac	ility:	Ме	ethod Code	pounds		
Site 2	EPA ID Number of receiving facility: Method			Off Site Management		Total Quantity Shipped in 2017		
			H	pounds				

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM							
EPA ID Number KY8-890-008-982					<b>u</b>	rest 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         (1) (General)       CHEMICALS)         NA         (2) (Item 9b of manifest)							
EPA Hazardous Waste Code(s) LABP(D007 D008)							
	azardous Waste Code f applicable)	*(Specify other) (Specify		Other)   hazardous     001   radioactive		and ?	Waste Minimization code
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         15       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 Proce	ss System 2
0	n Site Manageme	nt Method Code:	н	_	On Site Management Method Code: H		
G	Quantity treated, recycled, disposed: (Circle one)       Quantity treated, recycled, disposed: (Circle one)						
WASTE SHIPPED OFF SITE         Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?        Yes - Continue completing this form and Form 4.        No - Form is complete.							
Site	Name of	f receiving facility:		Off Site		Total Quantity Shipped in 2017	
1	EPA ID Num	per of receiving fac	ng facility:		nagement thod Code		
				H_			pounds
Site 2	Name of	f receiving facility:		Off Site Management		Total Quantity Shipped in 2017	
	EPA ID Number of receiving facility:		Method Code H		pounds		

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM								
EPA ID Number KY8-890-008-982					_ Agency Inte	rest 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         (1) (General)       PROCESSES         NA         (2) (Item 9b of manifest)								
EPA Hazardous Waste Code(s) D006								
	Code *(Specify other) (Specify		Form C (Specify W	Other) hazardous radioactive		and ?	Waste Minimization code	
Quantity Generated in Report Year       Enter the value used to convert this waste to pounds         13660       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 Proces	ss System 2	
0	n Site Manageme	nt Method Code:	Н	_	On Site Management Method Code: H			
Q	Quantity treated, recycled, disposed: (Circle one)       Quantity treated, recycled, disposed: (Circle one)        pounds      pounds						• • • •	
WASTE SHIPPED OFF SITE         Was any of this waste shipped off site in 2017 for treatment, disposal, or recycling?         Presserve Continue completing this form and Form 4.								
Site	Name of	f receiving facility:		Off Site		Total Quantity Shipped in 2017		
1	EPA ID Numl	per of receiving fac	ility:	Management Method Code H			,	
						pounds		
Site 2	Name of	f receiving facility:	<b>U</b>		Off Site	Total Quantity Shipped in 2017		
	EPA ID Numl	per of receiving fac	ility:	Method Code H		pounds		

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## **ENCLOSURE 7**

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

FORM 4 – SUMMARY OF WASTE SHIPPED OFF SITE

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Page <u>1</u> of <u>1</u>

Commonwealth of Kentucky 2017 Hazardous Waste Annual Report							
FORM 4 – Summary of Waste Shipped Off Site							
EPA ID Number KY8-890-008-982       Agency Interest Number 3059							
Site Name (Exactly as on Registration) U.S. DOE Paducah Gaseous Diffusio List all receiving facilities. List each facility only once.	n Plant Total Number of Manifested Shipments	Total Number of Manifested for reporting year					
EPA ID Number <u>ARD-069-748-192</u>	ompinenta						
Facility Name <u>Clean Harbors El Dorado, LLC</u>	2	517					
EPA ID Number <u>TND-982-109-142</u>							
Facility Name Diversified Scientific Services, Inc. (DSSI)	8	20,948					
EPA ID Number <u>UTD-982-598-898</u>							
Facility Name EnergySolutions Clive Facility	18	56,957					
EPA ID Number PAD-987-270-725							
Facility Name Evoqua Water Technologies, LLC	2	27,480					
EPA ID Number <u>TNR-000-005-397</u>							
Facility Name M&EC/PermaFix	3	17,032					
EPA ID Number <u>FLD-980-711-071</u>							
Facility Name PermaFix of Florida, Inc.	6	4,213					
EPA ID Number <u>TXD-988-088-464</u>							
Facility Name Waste Control Specialists	1	11,895					
Total	40	139,042					
List all primary transporters. List each primary transporter only once. Do not list secondary transporters.	Total Number of Manifested Shipments	Total Pounds Shipped for reporting year	Container Types				
EPA ID Number <u>COR-000-005-389</u>	34	116,328	CF, DF, DM,				
Transporter Name CAST Transportation			TP, TT				
EPA ID Number <u>MAD-039-322-250</u>	2	517	DM				
Transporter Name Clean Harbors Environmental Services, Inc.	_						
EPA ID Number <u>TNR-000-034-686</u>	4	22,197	CM, DM				
Transporter Name Hittman Transport Services, Inc.		, -	,				
Total	40	139,042	CF, CM, DF, DM, TP, TT				

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