

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

February 24, 2017

FPAD-17-2516

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

Dear Ms. Greer:

2016 Annual Hazardous Waste Report, Assessment Return, and Claim for Exclusion for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky, Permit No. KY8-890-008-982, Agency Interest No. 3059

Enclosed is the Hazardous Waste Report for calendar year (CY) 2016 for activities conducted under Kentucky Division of Waste Management permit number KY8-890-008-982. This report also was generated and transmitted electronically using the EasiTrak software.

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

There were no reportable noncompliances in CY 2016 in accordance with condition III.E.17 of our permit.

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

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

Sincerely,

Bobby D. Smith Program Manager

### Enclosures:

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

### cc w/enclosures:

Boyd County Judge/Executive McCracken County Judge/Executive

### e-copy:

J. Woodard, DOE/PAD K. Knerr, DOE/PAD M. Redfield, FPDP/PAD 2016 Annual Hazardous Waste Report,
Assessment Return, and
Claim for Exclusion
for the
Paducah Gaseous Diffusion Plant,
McCracken County, Kentucky

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

**CLEARED FOR PUBLIC RELEASE** 



2016 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN, AND CLAIM FOR EXCLUSION FOR THE PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY, PERMIT NUMBER KY8-890-008-982

**CERTIFICATION PAGE** 



#### CERTIFICATION

**Document Identification:** 

2016 Annual Hazardous Waste Report, Assessment Return, and Claim for Exclusion from the Hazardous Waste Assessment for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky, Permit Number KY8-890-008-982, Agency Interest No. 3059

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

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

Fluor Federal Services, Inc.

Bobby D. Smith, Program Manager

Date Signed

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

U.S. Department of Energy

Jennifer Woodard, Paducah Site Lead Portsmouth/Paducah Project Office 2/23/2017 Date Signed



2016 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN, AND CLAIM FOR EXCLUSION FOR THE PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY, PERMIT NUMBER KY8-890-008-982

HAZARDOUS WASTE ASSESSMENT RETURN



For official use only:			
Amt. \$	Receipt #	Receipt Date	Initials

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

# Commonwealth of Kentucky HAZARDOUS WASTE ASSESSMENT RETURN From January - December, 2016

Return BEFORE March 1, 2017. Late fees apply to Assessments date stamped by the Branch after March 1, 2017. Make checks payable to the KENTUCKY STATE TREASURER.

1.	EPA ID Number: KY8-890-008-982	County: McCracken	Agency In Num	iterest iber (AI#): 3059
	Site Name: U.S. DOE Paducah Gaseous Diffusion	on Plant		
	Contact Person: Bobby D. Smith P	hone No: (270) 441-64	12 Exte	ension: N/A
	Mailing Address: 5511 Hobbs Road	,		
	City, State and Zip: Kevil, Kentucky 42053	*		
	ASSESSMENT CATEGORIES List waste generated and/or Received from out-of-state from January 1- December 31, 2016	Column A QUANTITY  List quantity in pounds.	Column B RATE	Column C AMOUNT DUE  Multiply Column A x B
2a.	Solid hazardous waste generated and destined for disposal off-site	181,440	\$0.002 (if 2a)	\$ 362.88
2b.	Solid hazardous waste burned off-site for energy recovery in an industrial boiler or furnace	0	\$0.001 (if 2b)	\$ 0
3а.	Solid hazardous waste generated and treated, recycled, or disposed of on-site	. 0	\$0.001 (if 3a)	\$ 0
3b.	Solid hazardous waste burned on-site for energy recovery in an industrial boiler or furnace	0	\$0.0005 (if 3b)	\$ 0
4a.	Liquid hazardous waste generated and destined for disposal off-site	49,711	\$0.012 (if 4a)	\$ 596.53
4b.	Liquid hazardous waste burned off-site for energy recovery in an industrial boiler or furnace	0	\$0.006 (if 4b)	\$ 0
5a.	Liquid hazardous waste generated and treated, recycled, or disposed of on-site	0	\$0.006 (if 5a)	\$ 0
5b.	Liquid hazardous waste burned on-site for energy recovery in an industrial boiler or furnace	0	\$0.003 (if 5b)	\$ 0
6.	Waste excluded from all Exclusions Forms	2,392		
7.	SUBTOTAL			\$ 959.41
8.	Interest on late submittals calculated from January 1 to Branch receipt date stamp			\$ 0
9.	Penalties on late submittals calculated from January 1 to Branch receipt date stamp			\$ 0
10.	Adjustments from over payments And under payments			\$ 0
11.	TOTAL AMOUNT DUE (ASSESSMENT WAIVED IF UNDER \$50.00)			\$ 959.41

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

Original Signature (use blue ink) Name and Title

Bobby D. Smith, Fluor Federal Services, Inc., Program Manager

DEP-7070 (Rev. 2007)

# Hazardous Waste Assessment Return for 2016 Schedule I

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

Solid hazardous waste received from off-site

0 pounds

# Hazardous Waste Assessment Return for 2016 Schedule II

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

Liquid hazardous waste received from off-site

0 pounds

### **Hazardous Waste Assessment Return for 2016**

### Schedule III

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

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

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

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

2016 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN, AND CLAIM FOR EXCLUSION FOR THE PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY, PERMIT NUMBER KY8-890-008-982

CLAIM FOR EXCLUSION FROM THE HAZARDOUS WASTE ASSESSMENT



### Commonwealth of Kentucky CLAIM FOR EXCLUSION FROM THE HAZARDOUS WASTE ASSESSMENT

From January - December 2016

Return to Hazardous Waste Branch, 300 Sower Blvd., 2<sup>nd</sup> Floor, Frankfort KY 40601 BEFORE **March 1, 2017** with the Hazardous Waste Assessment Return and Annual Report.

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

Identify the specific exclusion described under KRS 224.46-580 (7) and (8) for which approval is

sough	nt. Mark only one box.
$\boxtimes$	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

3. Provide a brief description of the process that generates the hazardous waste for which you are seeking exclusion from assessment or the Claim will be denied. (Mandatory - Attach additional sheets if necessary.) The waste oil reported on this claim for exclusion from the Hazardous Waste Assessment for January–December 2016 consists of oil drained from equipment being decommissioned or serviced. All of this oil will be or has been treated thermally at Diversified Scientific Services, Inc. (DSSI) in Kingston, Tennessee.

high temperature metals recovery or managed by stabilization of metals

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 D018	958	Liquid	Yes

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

Original Signature (use blue ink)

2.

Bobby D. Smith, Fluor Federal Services, Inc., Program Manager

Name and Title

DEP-7084 (Rev. 2007)

### Commonwealth of Kentucky CLAIM FOR EXCLUSION FROM THE HAZARDOUS WASTE ASSESSMENT

From January - December 2016

Return to Hazardous Waste Branch, 300 Sower Blvd., 2<sup>nd</sup> Floor, Frankfort KY 40601 BEFORE **March 1, 2017** with the Hazardous Waste Assessment Return and Annual Report.

9
I/A
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	tify the specific exclusion described under KRS 224.46-580 (7) and (8) for which approval is lht. 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
$\boxtimes$	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 wastewater reported on this claim for exclusion from the Hazardous Waste Assessment for January–December 2016 consists of water generated as a result of monitoring well installation, water generated as a result of well rehabilitation, and wastewaters generated as a result of environmental monitoring/sampling of ground waters.

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

2.

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?)
F001 F002 U228	1,434	Liquid	Yes

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

Bobby D. Smith, Fluor Federal Services, Inc., Program Manager

Original Signature (use blue ink) Name and Title

DEP-7084 (Rev. 2007)

2016 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN, AND CLAIM FOR EXCLUSION FOR THE PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY, PERMIT NUMBER KY8-890-008-982

SUMMARY OF NONCOMPLIANCE



### **SUMMARY OF NONCOMPLIANCE**

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

There were no reportable noncompliances in calendar year 2016.



2016 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN, AND CLAIM FOR EXCLUSION FOR THE PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY, PERMIT NUMBER KY8-890-008-982

FORM 1 – IDENTIFICATION AND CERTIFICATION



Commonwealth of Kentucky Department for Environmental Protection MAIL TO: Division of Waste Management 2016 Hazardous Waste Annual Report Hazardous Waste Branch FORM 1 – Identification and Certification 300 Sower Blvd 2<sup>nd</sup> Floor Frankfort, KY 40601 For Official Use Only. Equivalent to EPA RCRA Subtitle C Site Identification Form Do not write in this space. Reason for As a component of the Hazardous Waste Annual Report Submittal Site ID 2. A. EPA ID Number: B. AGENCY INTEREST (AI) Number: **Numbers** KY8-890-008-982 3059 Site Name 3. Name: U.S. Department of Energy, Paducah Gaseous Diffusion Plant 4. **Site Location** Street Address: 5501 Hobbs Road Information City: Kevil State: KY Zip Code: 42053 County: McCracken 5. Land Type Site Land Type: ☐ Private □ Federal □ State ☐ Municipal ☐ County NAICS Code(s) A. 562910 C. 562212 D. N/A B. 562211 (see page 3) 7. Site Contact & First Name: Bobby MI: D Last Name: Smith Mailing Address Phone Number: (270) 441-6412 Phone Number Extension: N/A E-Mail Address: bob.smith@ffspaducah.com Street Address or P. O. Box: 5511 Hobbs Road State: KY Country: USA City: Kevil Zip Code: 42053 **Site Operator** Name of Site's Operator: Fluor Federal Services, Inc. Information Date Became Operator (mm/dd/yyyy): Operator Type: ⊠Private □Federal □State □Municipal □County 07/26/2015 9. Site Legal Name of Site's Legal Owner: U.S. Department of Energy Owner Information Date Became Owner (mm/dd/yyyy): Owner Type: □Private □Federal □State □Municipal □County 10/18/1950 Phone Number: (270) 441-6800 Phone Number Extension: N/A Street Address or P. O. Box: 5501 Hobbs Road City: Kevil State: KY Country: USA Zip Code: 42053 10. Legal Name of Landowner: U.S. Department of Energy Landowner of Date Became Owner (mm/dd/yyyy): Landowner Type: ☐Private ☐Federal ☐State ☐Municipal ☐County the Real 10/18/1950 Property: Phone Number: (270) 441-6800 Phone Number Extension: N/A Street Address or P. O. Box: 5501 Hobbs Road City: Kevil State: KY Country: USA Zip Code: 42053

Mark "X" in the appropriate box(es) for all waste activities at this local	ion.			
A. Hazardous	Waste Activities			
1. Generator of Hazardous Waste	☐ 3. United States Importer of Hazardous Waste			
Select Yes or No Is this a one-time-only hazardous waste activity report?  ☐Yes ☒No	☑ 4. Mixed Waste (hazardous and radioactive) Generator			
Choose only one of the following three categories:   □ a. Large Quantity Generator:  (over 2,200 pounds generated in any one calendar	□ 5. Transporter of Hazardous Waste  If "Yes," mark all that apply □ a. Transporter □ b. Transfer Facility (at your site)			
month, cannot be averaged)				
<ul> <li>b. Small Quantity Generator:         (220-2,200 pounds generated in any one calendar month, cannot be averaged)     </li> </ul>	☐ 7. Recycler of Hazardous Waste			
c. Conditionally Exempt Small Quantity Generator:     (less than 220 pounds generated in any one calendar month, cannot be averaged)	8. Exempt Boiler and/or Industrial Furnace  Mark "X" in all boxes that apply  ☐ a. Small Quantity On-Site Burner Exemption ☐ b. Smelting, Melting, and Refining Furnace Exemption			
d. Did you have a status change during the year?  ☐Yes ☒No  ☐ 2. Fuel Burner of Hazardous Waste for Energy Recovery (mark the appropriate box or boxes below) ☐ a. Industrial Boiler ☐ b. Industrial Furnace	☐ 9. Underground Injection Well ☐ 10. Receives Hazardous Waste from Off-site			
B. Universal Waste Activities	C. Used Oil Activities			
D. Universal waste Activities	C. Osed Oil Activities			
<ul> <li>☑ 1. Large Quantity Universal Waste Handler (over 11,000 pounds on-site storage)</li> </ul>	Mark "X" in all boxes that apply			
1. Large Quantity Universal Waste Handler     (over 11,000 pounds on-site storage)  Mark "X" in all boxes that apply  Generate Accumulate	Mark "X" in all boxes that apply  1. Used Oil Transporter  If "Yes," mark all that apply:  a. Transporter			
<ul> <li>✓ 1. Large Quantity Universal Waste Handler (over 11,000 pounds on-site storage)</li> <li>Mark "X" in all boxes that apply Generate Accumulate</li> <li>a. Batteries</li> </ul>	Mark "X" in all boxes that apply  1. Used Oil Transporter If "Yes," mark all that apply: a. Transporter b. Transfer Facility (at your site)			
1. Large Quantity Universal Waste Handler     (over 11,000 pounds on-site storage)  Mark "X" in all boxes that apply  Generate Accumulate	Mark "X" in all boxes that apply  1. Used Oil Transporter  If "Yes," mark all that apply:  a. Transporter			
<ul> <li>✓ 1. Large Quantity Universal Waste Handler (over 11,000 pounds on-site storage)</li> <li>Mark "X" in all boxes that apply Generate Accumulate</li> <li>a. Batteries</li> </ul>	Mark "X" in all boxes that apply  1. Used Oil Transporter  If "Yes," mark all that apply:  a. Transporter  b. Transfer Facility (at your site)  2. Used Oil Processor and/or Re-refiner  If "Yes," mark all that apply:			
	Mark "X" in all boxes that apply  1. Used Oil Transporter			

### 12. Description of Hazardous Wastes

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

D001	D002	D003	D004	D005	D006	D007	D008	D009	D010
D011	D018	D027	D029	D030	D032	D033	D034	D035	D036
D038	D040	D042	F001	F002	F003	F005	F039	P022	P098
P106	U080	U112	U123	U144	U151	U154	U188	U196	U220
U226	U228	U239				,			)

**B.** Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. (N001, N002, and N003. Nerve and blister agents as required by KRS 224.50-130). List the waste codes of the State-regulated hazardous wastes handled at your site. Leave blank or mark N/A if State Waste Codes are not applicable to your site.

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

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

#### 14. Certification

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

Α.	Signature	(Wust	be original.	Please si	gn in	blue ir	1K)	):
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B. Date Signed: (mm/dd/yyyy)

0212312017

C. Typed or Printed Signatory Name:

D. Official Title of Signatory:

Bobby D. Smith

Fluor Federal Services, Inc., Program Manager



2016 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN, AND CLAIM FOR EXCLUSION FOR THE PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY, PERMIT NUMBER KY8-890-008-982

FORM 2 – WASTE GENERATION AND MANAGEMENT



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## Commonwealth of Kentucky

2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059									
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gas	eous	Diffusion Plant				
	VERY DILUT	nstructions.) Check one: E AQUEOUS WASTE I S OR OTHER LAND U	MORE THAN		Solid WATER FROM LE	ACHATE COLLEC	TION (FROM LANDFILL		
(2) (Iter	m 9b of manifest)_	RQ, NA3082, HAZARI		•	,	9), 9, PG III, (F039)			
EPA Ha	EPA Hazardous Waste Code(s) F039								
Code *(Specify other) (Specify C			Form Cod (Specify Other W 10	er)	Is this wast hazardous radioactive	and ?	Waste Minimization code		
-	Quantity Generated in Report Year  17976  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)								
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) Yes - Complete On-site Process System block(s)								
	On-site	Process System 1				On-site Proces	ss System 2		
0	n Site Manageme	nt Method Code:	н		On Site N	Management Met	hod Code: H		
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one)		
WASTE SHIPPED OFF SITE  Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling?  ✓ Yes – Continue completing this form and Form 4. □ No – Form is complete.									
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qua	antity Shipped in 2016		
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:		thod Code H _ <sup>132</sup>		27150 pounds		
Site 2		f receiving facility:		Off Site Management		Total Qua	antity Shipped in 2016		
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds		

Comments: NA

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# Commonwealth of Kentucky

2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Nan	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
Waste D	VERY DILUT	nstructions.) Check one: E AQUEOUS WASTE I	MORE THAN	99% V	Solid VATER FROM OT	HER REMEDIATION	NC			
	(1) (General)									
<b>EPA Haz</b> F001 F002	zardous Waste C 2 U228	ode(s)								
Code *(Specify other) (Specify C			Form Code (Specify Other W 10	er)	Is this wast hazardous radioactive	and ?	Waste Minimization code			
_	Quantity Generated in Report Year  13032  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in 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) 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 N	/lanagement Met	thod Code: H			
Q	uantity treated, re	cycled, disposed: (C	circle one)		Quantity	treated, recycled	I, disposed: (Circle one)			
WASTE SHIPPED OFF SITE  Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling?  ✓ Yes – Continue completing this form and Form 4.  □ No – Form is complete.										
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qu	antity Shipped in 2016			
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:		hod Code H <sub>.</sub> <sup>132</sup>		13032 pounds			
Site 2		f receiving facility:		Off Site Management		Total Qu	antity Shipped in 2016			
	EPA ID Numi	ber of receiving fac	ility:		hod Code H		pounds			

Comments: REFERENCE FORM 1 BLOCK 13

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# Commonwealth of Kentucky

2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059									
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous	Diffusion Plant				
Waste D	SPENT CON	nstructions.) Check one: CENTRATED ACID (5%	-		Solid  MOIL CHANGES	AND FILTER OR B	ATTERY REPLACEMENT		
(2) (Ite	m 9b of manifest)_	0 (D000 D000) D0 II		ELIQU	JID, ACIDIC, INOR	RGANIC, N.O.S. (LI	EAD ACID BATTERY FLUID),		
<b>EPA Ha</b> D002 D00	zardous Waste C	ode(s)							
Code *(Specify other) (Specify C			Form Code (Specify Other W 103	er)	Is this wast hazardous radioactive	and ?	Waste Minimization code  A		
-	Quantity Generated in Report Year  3640  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)								
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) Yes - Complete On-site Process System block(s)								
	On-site	Process System 1				On-site Proces	ss System 2		
0	n Site Manageme	ent Method Code:	н		On Site N	Management Met	hod Code: <b>H</b>		
Q	luantity treated, re	ecycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one)		
	WASTE SHIPPED OFF SITE  Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling?  ✓ Yes – Continue completing this form and Form 4.  □ No – Form is complete.								
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qua	antity Shipped in 2016		
	EPA ID Numl UTD982598898	ber of receiving fac	ility:		thod Code H <sub>.</sub> <sup>132</sup>		4644 pounds		
Site 2		f receiving facility:		Off Site Management		Total Qua	antity Shipped in 2016		
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds		

Comments: NA

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# Commonwealth of Kentucky

2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant									
Waste D	VERY DILUT	nstructions.) Check one: E AQUEOUS WASTE N	MORE THAN 9	99% V	Solid  WATER FROM OT	HER REMEDIATI	ON			
(2) (Iter	NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (TRICHLOROETHYLENE, PCB), 9, PG III  (2) (Item 9b of manifest)									
	zardous Waste C 1 F002 U226 U228	ode(s)								
	State Hazardous Waste Code (if applicable)  *G 49 **H (For G25 only)  *G 49 **(For G25 only)  *G 49 **(For G25 only)  *G 49 **(For G25 only)			er)	Is this wast hazardous radioactive	and ?	Waste Minimization code			
_	Quantity Generated in Report Year  3422 pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in 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) Yes - Complete On-site Process System block(s)									
	On-site	Process System 1				On-site Proce	ss System 2			
0	n Site Manageme	ent Method Code:	н		On Site N	Management Me	thod Code: H			
Q	uantity treated, re	ecycled, disposed: (C	ircle one)		Quantity	treated, recycled	d, disposed: (Circle one)			
		ITE oped off site in 2016 ✓ Yes – Continue com		-	<u> </u>	ng? _No <i>– Form i</i> s com	plete.			
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qu	antity Shipped in 2016			
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:		thod Code H _ <sup>132</sup>		3422 pounds			
Site 2		f receiving facility:		Off Site Management		Total Qu	antity Shipped in 2016			
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds			

Comments: REFERENCE FORM 1 BLOCK 13

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 Agency Interest Number 3059 Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant ☐ Solid OIL-WATER EMULSION OR MIXTURE FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES (1) (General) RQ, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (D007, D008), 9, PG III, (PCB, D007) (2) (Item 9b of manifest)\_ **EPA Hazardous Waste Code(s)** D006 D007 D008 D009 D011 D027 D030 D032 D033 D034 D036 D038 D042 **State Hazardous Waste** Is this waste both **Source Code** Form Code Waste Minimization code Code \*(Specify other) (Specify Other) hazardous and (if applicable) \***G** 19 \*\***H** radioactive? **W** 205 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposal $\square$ , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.

C	euantity treated, recycled, disposed: (Circle one pounds	Quantity ————	treated, recycled, disposed: (Circle one)	
	SHIPPED OFF SITE  of this waste shipped off site in 2016 for treatr  Yes - Continue completing this		ng? _No – Form is complete.	
Site 1	Name of receiving facility: Diversified Scientific Services, Inc. (DSSI)  EPA ID Number of receiving facility: TND982109142	Ma Me	Off Site nagement thod Code H . <sup>040</sup>	Total Quantity Shipped in 2016  1406 pounds
Site 2	Name of receiving facility:  EPA ID Number of receiving facility:	Ma Me	Off Site nagement thod Code H	Total Quantity Shipped in 2016 pounds

NO − Skip to WASTE SHIPPED OFF SITE

**On-site Process System 2** 

H

On Site Management Method Code:

H

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

On Site Management Method Code:

**On-site Process System 1** 

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## Commonwealth of Kentucky

2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	EPA ID Number         KY 8-890-008-982         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  VERY DILUTE AQUEOUS WASTE MORE THAN 99% WATER FROM CLOSURE OF HAZARDOUS WASTE MGT UNIT  (1) (General) UNDER KY HAZ WASTE PROGRAM								
	NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (TRICHLOROETHYLENE), 9, PG III  (2) (Item 9b of manifest)								
	EPA Hazardous Waste Code(s) F001 F002 U228								
	ate Hazardous Waste Code (if applicable)  *G 41 **H _ **(For G25 only)  *G 41 **H _ **(For G25 only)  *M 101		er)	Is this wast hazardous radioactive	and ?	Waste Minimization code			
Quantity Generated in Report Year  1050  pounds  Enter the value used to convert this waste to (Leave blank if waste amount is already listed in 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 N	Management Me	thod Code: H		
Q	uantity treated, re	cycled, disposed: (C	ircle one) _pounds		Quantity	treated, recycled	I, disposed: (Circle one)pounds		
_	WASTE SHIPPED OFF SITE  Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling?  ✓ Yes – Continue completing this form and Form 4 No – Form is complete.								
Site 1	PermaFix of Flo			Ма	Off Site nagement	Total Qu	antity Shipped in 2016		
	FLD980711071	ber of receiving fac	ility:	Method Code H_ <sup>061</sup>			1050 pounds		
Site 2		f receiving facility:		Off Site  Management		Total Qu	antity Shipped in 2016		
		ber of receiving fac	ty: 		thod Code H		pounds		

Comments: NA

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### Commonwealth of Kentucky

			- Waste Ge	enera	ste Annual Rep tion and Manag PA Form GM			
EPA ID	Number KY 8-89	90-008-982			_ Agency Inte	erest Number _	3059	
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous	Diffusion Plant			
Waste D	VERY DILUT	nstructions.) Check one: E AQUEOUS WASTE N	MORE THAN	99% V	Solid VATER FROM OT	HER REMEDIATION	NC	
(2) (Iter	m 9b of manifest)_	NA3082, HAZARDOU					9, PG III	
	zardous Waste C 1 F002 U228	ode(s)						
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 49 **H  **(For G25 only)	Form Code (Specify Other W 10	hazardous radioactiv		and	Waste Minimization code	
-	Quantity Generated in Report Year  390  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)							
Was any owned to	reatment works (P		ne.	-	g□, 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	ent Method Code:	н		On Site Management Method Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _pounds		Quantity treated, recycled, disposed: (Circle one)			
	· · · · · · · · · · · · · · · · · · ·	ITE oped off site in 2016 ✓ Yes – Continue com		-		ng? _No <i>– Form is com</i>	olete.	
Site 1	Name o	f receiving facility: orida, Inc.			Off Site nagement	Total Qu	antity Shipped in 2016	
	EPA ID Numl FLD980711071	ber of receiving fac	ility:		hod Code H_ <sup>061</sup>		390 pounds	
Site 2		f receiving facility:		Maı	Off Site nagement	Total Qu	antity Shipped in 2016	
	EPA ID Numl	ber of receiving fac	ility:		hod Code H		pounds	

Comments: REFERENCE FORM 1 BLOCK 13

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### Commonwealth of Kentucky

	2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM								
EPA ID	Number KY 8-89	00-008-982			Agency Inte	erest Number _	3059		
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gas	<u>eous</u>	Diffusion Plant				
	CONCENTRA	nstructions.) Check one: ATED HALOGENATED ND/OR UNUSED CHEM	(e.g. CHLOR	INATE	Solid  SOLVENT FROJETS	OM DISCARDING	OFF-SPECIFICATION, OUT-		
(2) (Ite									
EPA Ha									
	azardous Waste Code f applicable)	*G 11 **H **(For G25 only)	other)  **H(Specify Other)  W			e both and ? Yes No	Waste Minimization code  X		
-	Quantity Generated in Report Year  272poundspoundspounds								
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) Yes - Complete On-site Process System block(s)									
	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	uantity treated, re	cycled, disposed: (C	ircle one) _pounds		Quantity	treated, recycled	, disposed: (Circle one)		
	•	ITE oped off site in 2016 ✓ Yes – Continue com			·	ng? _No <i>– Form is comp</i>	olete.		
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qua	antity Shipped in 2016		
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:		thod Code H <sub>.</sub> <sup>132</sup>		272 pounds		
Site 2		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2016		
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds		

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### Commonwealth of Kentucky

			– Waste Ge	enerati	te Annual Rep ion and Manag A Form GM			
EPA ID	Number <u>KY 8-89</u>	90-008-982			_ Agency Inte	erest Number _	3059	
Site Nan	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gase	eous D	Diffusion Plant			
Waste D	BATTERIES,	nstructions.) Check one: BATTERY PARTS, CO	-		Solid OM OTHER REM	IEDIATION		
	m 9b of manifest)_	(DOOON) ND OOZ TO O					ED OBJECTS (SCO-I), 7 (RQ XCEPTED	
<b>EPA Haz</b> D002 D008	zardous Waste C 8	ode(s)						
	azardous Waste Code applicable)	*(Specify other)  *G 49 **H  **(For G25 only)	Form Code (Specify Othe W 309	fy Other)  M 309  hazardous radioactive		and	Waste Minimization code  A	
Quantity Generated in Report Year  242  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)  ———————————————————————————————————								
Was any owned tr	eatment works (P		ne.		□, 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 Management Method Code: H			
	_	ecycled, disposed: (Ci			Quantity treated, recycled, disposed: (Circle one)			
		ITE  oped off site in 2016 f  ✓ Yes – Continue comp		-		ng? _No – Form is com	pounds	
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			ff Site agement	Total Qu	antity Shipped in 2016	
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:		nod Code		242 pounds	
Site 2		f receiving facility:			ff Site agement	Total Qu	antity Shipped in 2016	
	EPA ID Numi	ber of receiving fac	ility:		nod Code I		pounds	

Comments: REFERENCE FORM 1 BLOCK 13

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## Commonwealth of Kentucky 2016 Hazardous Waste Annual R

2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM								
EPA ID	Number KY 8-89	90-008-982	·		Agency Inte	erest Number _	3059	
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Ga	seous	Diffusion Plant			
	•	nstructions.) Check one: EOUS WASTES LESS INT PROCESSES	-		Solid ILUTED BUT PH <	<2) FROM OTHER	ONE-TIME OR	<b>!</b>
(2) (Ite	m 9b of manifest)_	UN3264, WASTE COPPG II	RROSIVE LI	IQUID, A	ACIDIC, INORGAN	NIC, N.O.S. (SULF	JRIC ACID RE	SIDUALS), 8,
EPA Ha	zardous Waste C	code(s)						
	azardous Waste Code f applicable)	*G 19 **H *(For G25 only)	Form Code (Specify Other) W 105			and	Waste Minimizatio	on code
-	-	rated in Report Yea	r unds		Enter the value	e used to conve k if waste amount is		
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) Yes - Complete On-site Process System block(s)							
	On-site	Process System 1				On-site Proce	ss System 2	
0	n Site Manageme	ent Method Code:	н		On Site N	Management Met	hod Code:	н
Q	Quantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity treated, recycled, disposed: (Circle one)			
_	•	ITE oped off site in 2016 □ ✓ Yes – Continue com				ng? _No <i>– Form is com</i> j	olete.	
Site 1	Name of PermaFix of Flo	f receiving facility: orida, Inc.			Off Site nagement	Total Qua	antity Shippe	ed in 2016
	<b>EPA ID Num</b> l	ber of receiving fac	ility:		thod Code H _ <sup>121</sup>		238	pounds
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shippe	ed in 2016
	EPA ID Numi	ber of receiving fac	ility:		thod Code H	pounds		pounds

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### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report

	FORM 2 – Waste Generation and Management  Equivalent to EPA Form GM								
EPA ID	Number KY 8-89	0-008-982			Agency Inte	erest Number _	3059		
Site Na	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Ga	seous	Diffusion Plant				
Waste [	•	nstructions.) Check one: SANIC LIQUID FROM C	-	_	Solid ON				
(1) (Ge	neral)	RQ, NA3082, HAZARI		TE 110	LUD NOC /ETU	VI ENE CL VCOL C	OLLITION) O DC III		
(2) (Ite	m 9b of manifest)_	RQ, NA3062, HAZARI				TLENE GLYCOL S	OLUTION), 9, PG III		
EPA Ha D008	zardous Waste C	code(s)							
	Source Code   *(Specify other)   *G 49 **H   **(For G25 only)   **(Specify Other)   **(For G25 only)   **(		her)	Is this waste both hazardous and radioactive?  Yes No		Waste Minimization code			
	Quantity Generated in Report Year  214								
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) Yes - Complete On-site Process System block(s)								
	On-site	Process System 1				On-site Proces	ss System 2		
С	On Site Manageme	nt Method Code:	н		On Site N	Management Met	hod Code: H		
C	Quantity treated, re	cycled, disposed: (C	ircle one) _pounds		Quantity treated, recycled, disposed: (Circle one)				
		ITE oped off site in 2016 ✓ Yes – Continue com			·	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 2016		
	EPA ID Numl FLD980711071	ber of receiving fac	ility:		thod Code H . <sup>141</sup>		214 pounds		
Site 2		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2016		
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds		

Comments: ANTI-FREEZE / REFERENCE FORM 1 BLOCK 13

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### Commonwealth of Kentucky

			- Waste Ge	enera	ste Annual Rep tion and Manag PA Form GM		
EPA ID	Number KY 8-89	00-008-982			Agency Inte	erest Number _	3059
Site Nan	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous	Diffusion Plant		
	CONCENTE	nstructions.) Check one: ATED NON-HALOGENATION, OUT-OF-DATE, A	ATED (o a NO	2NI CF	Solid HLORINATED) SC HEMICALS OR P	DLVENT FROM DIS RODUCTS	SCARDING OFF-
(2) (Iten	n 9b of manifest)_	RQ, UN1993, WASTE				PG II, RQ(D001, D0	038)
	zardous Waste C 8 P022 U112 U154 I	` '					
	azardous Waste Code applicable)	*Source Code *(Specify other)  *G 11 **H **(For G25 only)	Form Cod (Specify Othe W 203	w 203 hazard radioad		and	Waste Minimization code  X
_	Quantity Generation 20	rated in Report Yea	unds	Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in 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) Yes - Complete On-site Process System block(s)						
	On-site	Process System 1				On-site Proce	ess System 2
O	n Site Manageme	ent Method Code:	н		On Site N	Management Me	thod Code: H
Q.	uantity treated, re	cycled, disposed: (C	ircle one) _pounds		Quantity treated, recycled, disposed: (Circle one)		
		ITE oped off site in 2016 ✓ Yes – Continue com		-		ng? _No <i>– Form i</i> s com	plete.
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qu	antity Shipped in 2016
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:		thod Code H . <sup>132</sup>		202 pounds
Site 2		f receiving facility:		Ma	Off Site nagement	Total Qu	antity Shipped in 2016
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds

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2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY 8-89	00-008-982			Agency Into	erest Number _	3059		
Site Nar	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gas	seous	Diffusion Plant				
	-	nstructions.) Check one: MANAGED AS HAZAR RQ, UN1993, WASTE	DOUS WAST	ΓE FRO			, (D001, D018)		
(2) (Ite	(2) (Item 9b of manifest)								
<b>EPA Ha</b> D001 D01	zardous Waste C 8	code(s)							
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 49 **H **(For G25 only)	Form Coc (Specify Oth W 20	ner)	Is this was hazardous radioactive	and ?	Waste Minimization code  A		
-	Quantity Generated in Report Year  198  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in 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)  V NO - Skip to WASTE SHIPPED OFF SITE								
	On-site	Process System 1				On-site Proce	ss System 2		
0	n Site Manageme	ent Method Code:	н		On Site Management Method Code: H				
Q	Quantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	d, disposed: (Circle one)		
	•	ITE  pped off site in 2016  ✓ Yes – Continue com,	for treatme		·	ng? _No <i>– Form is com</i>	<u> </u>		
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)		Off Site nagement	Total Qu	antity Shipped in 2016		
	<b>EPA ID Numl</b> TND982109142	ber of receiving fac	ility:		thod Code H . <sup>050</sup>		pounds		
Site 2		f receiving facility:	:::4.7.	Ма	Off Site nagement	Total Qu	antity Shipped in 2016		
	EPA ID NUMI	ber of receiving fac	ty: 		thod Code H		pounds		

Comments: REFERENCE FORM 1 BLOCK 13

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

EPA ID Number KY 8-890-008-982 Agency Interest Number \_\_3059 Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant ☐ Solid WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES (1) (General)

#### RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (D001, D018), 3, PG II, (D001, D018) (2) (Item 9b of manifest)\_ **EPA Hazardous Waste Code(s)** D001 D018 **State Hazardous Waste** Is this waste both **Source Code** Form Code Waste \*(Specify other) (Specify Other) Code hazardous and Minimization code (if applicable) \***G** 19 \*\***H** radioactive? **W** 206 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposal $\square$ , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. Yes - Complete On-site Process System block(s) NO − Skip to WASTE SHIPPED OFF SITE **On-site Process System 1 On-site Process System 2** On Site Management Method Code: On Site Management Method Code: H H\_

#### 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 2016 for treatment, disposal, or recycling?

	<u> ▼</u> Yes – Continue completing this	s form and Form 4.	_No – Form is complete.
Site	Name of receiving facility:	Off Site	
1	Diversified Scientific Services, Inc. (DSSI)	Management	Total Quantity Shipped in 2016
	EPA ID Number of receiving facility:	Method Code	400
	TND982109142	<b>H</b> _050	186 pounds
Site	Name of receiving facility:	Off Site	
2		Management	Total Quantity Shipped in 2016
	EPA ID Number of receiving facility:	Method Code	
		н	pounds

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### Commonwealth of Kentucky

			– Waste Ge	S Waste Annua eneration and to EPA Form GM	Managemen	ıt		
EPA ID	Number KY 8-89	90-008-982		Agend	cy Interest N	lumber <u>3</u>	059	
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gase	eous Diffusion	Plant			
Waste D	VERY DILUT	nstructions.) Check one: E AQUEOUS WASTE I	MORE THAN S	99% WATER FR	OM OTHER R	EMEDIATION		
(2) (Iter	m 9b of manifest)_	NA3082, HAZARDOU				CHLOROETH'	YLENE), 9, PG III	
	zardous Waste C 2 U226 U228	code(s)						
	azardous Waste Code f applicable)	*G 49 **H **(For G25 only)	Form Code (Specify Other W 10	hazardous radioactive			Waste Minimization code	
-	Quantity Generated in Report Year  98  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in 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) Yes - Complete On-site Process System block(s)							
	On-site	Process System 1			On-s	ite Process	System 2	
0	n Site Manageme	ent Method Code:	н	On	On Site Management Method Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one)	Qu	Quantity treated, recycled, disposed: (Circle one)			
	· · · · · · · · · · · · · · · · · · ·	ITE  pped off site in 2016  ✓ Yes – Continue com	for treatment	•		orm is comple	pounds	
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)	Off Site Managemen	t	Total Quan	tity Shipped in 2016	
	<b>EPA ID Numl</b> TND982109142	ber of receiving fac	ility:	Method Code	e   -		98 pounds	
Site 2		f receiving facility:		Off Site Managemen	ι	Total Quan	tity Shipped in 2016	
	EPA ID Numi	ber of receiving fac	ility: 	Method Code	e -		pounds	

Comments: REFERENCE FORM 1 BLOCK 13

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			- Waste Ge	enera	ste Annual Rep ation and Manage PA Form GM			
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059	
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gase	eous	Diffusion Plant			
	WASTE OIL	nstructions.) Check one: MANAGED AS HAZARI	DOUS WASTE	E FRC	Solid OM OTHER ONE-	ΓIME OR INTERM	ITTENT PROCESSES	
(2) (Iter	m 9b of manifest)_	RQ, NA3082, HAZARI					(D006, D008)	
EPA Haz D006 D00	zardous Waste C 8 D018	ode(s)						
	azardous Waste Code f applicable)	*(Specify other)  *G 19 **H  **(For G25 only)	Form Code (Specify Othe W 200	er)	Is this wast hazardous radioactive	and ?	Waste Minimization code  A	
Quantity Generated in Report Year  0 pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)								
Was any owned tr	reatment works (P		ne.		ıg□, disposal□		e to a sewer or publicly	
	On-site	Process System 1				On-site Proce	ess System 2	
0	n Site Manageme	ent Method Code:	н		On Site Management Method Code: H			
Q	uantity treated, re	ecycled, disposed: (C			Quantity treated, recycled, disposed: (Circle one)			
	•	SITE  pped off site in 2016			· · · · · · · · · · · · · · · · · · ·	ng? _No <i>– Form is com</i>	plete.	
Site 1		f receiving facility: ntific Services, Inc. (DS	SI)		Off Site nagement	Total Qu	antity Shipped in 2016	
	<b>EPA ID Numl</b> TND982109142	ber of receiving fac	ility:		thod Code H .040		76 pounds	
Site 2		f receiving facility:  ber of receiving faci		Ma	Off Site nagement thod Code	Total Qu	antity Shipped in 2016	
	EPA ID NUIII				H		pounds	

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 \_\_\_\_ Agency Interest Number <u>3059</u> Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant ☐ Solid WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES (1) (General) RQ, NA3082, HAZARDOUS WASTE, LIQUID, N.O.S. (CONTAINS HYDRAULIC OIL), 9, PG III (PCB) (2) (Item 9b of manifest)\_ **EPA Hazardous Waste Code(s)** D006 D007 D008 D009 D011 D027 D030 D032 D033 D034 D036 D038 D042 Is this waste both **State Hazardous Waste Source Code** Form Code Waste Code \*(Specify other) (Specify Other) hazardous and Minimization code \*G 19 \_\*\*H\_ (if applicable) radioactive? **W** 206 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposal $\square$ , or by discharge to a sewer or publicly

# On-site Process System 1 On Site Management Method Code: H \_\_\_\_ On Site Management Method Code: H \_\_\_\_ Quantity treated, recycled, disposed: (Circle one) \_\_\_\_ pounds WASTE SHIPPED OFF SITE Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling?

NO - Skip to WASTE SHIPPED OFF SITE

	<u>▼</u> Yes – Continue completing this		No – Form is complete.		
Site	Name of receiving facility:	Off Site			
1	PermaFix of Florida, Inc.	Management	Total Quantity Shipped in 2016		
	<b>EPA ID Number of receiving facility:</b> FLD980711071	Method Code H _ <sup>141</sup>	46 pounds		
Site	Name of receiving facility:	Off Site			
2		Management	Total Quantity Shipped in 2016		

owned treatment works (POTW) ? Check One.

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

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			– Waste Ge	enera	ste Annual Rep ation and Mana PA Form GM			
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059	
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gase	<u>eous</u>	Diffusion Plant			
Waste D	VERY DILUT	nstructions.) Check one: E AQUEOUS WASTE N	=	_	Solid WATER FROM OT	THER REMEDIATI	ON	
(2) (Iter	m 9b of manifest)_	(DOD) DO II	FLAMMABLE	LIQU	JIDS, N.O.S. (ME	THANOL, TRICHL	OROETHYLENE), 3, RQ	
	zardous Waste C 1 F002 F003 U228	ode(s)						
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 49 **H **(For G25 only)	Form Code (Specify Othe W 101	hazardous a radioactive		and ?	Waste Minimization code  A	
_	Quantity Generated in Report Year  37  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)							
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) Yes - Complete On-site Process System block(s)							
	On-site	Process System 1				On-site Proce	ss System 2	
0	n Site Manageme	ent Method Code:	н		On Site Management Method Code: H			
	-	ecycled, disposed: (C	ircle one)		Quantity treated, recycled, disposed: (Circle one)			
	-	ITE oped off site in 2016		-	·	ng? _No <i>– Form i</i> s com	plete.	
Site 1	Name o	f receiving facility: orida, Inc.			Off Site nagement	Total Qu	antity Shipped in 2016	
	<b>EPA ID Num</b> l	ber of receiving fac	ility:		thod Code H _ <sup>141</sup>		37 pounds	
Site 2		f receiving facility:		Ма	Off Site nagement	Total Qu	antity Shipped in 2016	
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds	

Comments: REFERENCE FORM 1 BLOCK 13

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 \_ Agency Interest Number \_ 3059 Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant ☐ Solid WASTE OIL MANAGED AS HAZARDOUS WASTE FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES (1) (General) UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (D001, D018), 3, PG II (2) (Item 9b of manifest)\_ **EPA Hazardous Waste Code(s)** D001 D018 **State Hazardous Waste** Is this waste both **Source Code** Form Code Waste \*(Specify other) (Specify Other) Code hazardous and Minimization code (if applicable) \***G** 19 \*\***H** radioactive? **W** 206 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposal $\square$ , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. Yes - Complete On-site Process System block(s) NO − Skip to WASTE SHIPPED OFF SITE **On-site Process System 1 On-site Process System 2** On Site Management Method Code: On Site Management Method Code: Η\_\_ H 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 2016 for treatment, disposal, or recycling?

#### ✓ Yes – Continue completing this form and Form 4. No - Form is complete. Site Name of receiving facility: Off Site Diversified Scientific Services, Inc. (DSSI) **Total Quantity Shipped in 2016** 1 Management **Method Code EPA ID Number of receiving facility:** pounds TND982109142 $H^{050}$ Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 2 Management **Method Code EPA ID Number of receiving facility:** pounds H \_\_\_\_

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### Commonwealth of Kentucky

	2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
Waste D	LAB PACKS	nstructions.) Check one: WITH NO ACUTE HAZ	-		Solid ROM LABORATO	DRY ANALYTICAL	WASTES (USED CHEMICALS)				
RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7, PCB, U-234,  (2) (Item 9b of manifest)											
	zardous Waste C 7 D010 F001 F002 U	• •									
State Hazardous Waste Code (if applicable)  *G 22 **H **(For G25 only)  *G 25 only)  *G 301  *G 301											
Quantity Generated in Report Year  0 pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)											
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 Proces	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)				
	· · · · · · · · · · · · · · · · · · ·	ITE oped off site in 2016 f ✓ Yes – Continue comp			·	ng? _No <i>– Form i</i> s comp	olete.				
Site 1	Name of PermaFix of Flo	f receiving facility: orida, Inc.			Off Site nagement	Total Qua	antity Shipped in 2016				
	FLD980711071	ber of receiving fac	ility:		thod Code H <sup>141</sup>		22 pounds				
Site 2		f receiving facility:		Ма	Off Site nagement thod Code	Total Qua	antity Shipped in 2016				
	EPA ID Numi	ber of receiving fac			H		pounds				

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 \_ Agency Interest Number \_ 3059 Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant Solid WASTE LIQUID MERCURY FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES (1) (General) RQ, UN2923, WASTE CORROSIVE SOLIDS, TOXIC, N.O.S (MERCURY), 8 (6.1), PG III (2) (Item 9b of manifest) **EPA Hazardous Waste Code(s) State Hazardous Waste** Is this waste both **Source Code** Form Code Waste \*(Specify other) (Specify Other) Code hazardous and Minimization code \***G** 19 \*\***H** (if applicable) radioactive? W 117 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposal $\square$ , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. Yes - Complete On-site Process System block(s) NO − Skip to WASTE SHIPPED OFF SITE **On-site Process System 1 On-site Process System 2** On Site Management Method Code: On Site Management Method Code: Η\_\_ H 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 2016 for treatment, disposal, or recycling? ✓ Yes – Continue completing this form and Form 4. No - Form is complete. Site Name of receiving facility: Off Site **EnergySolutions Clive Facility Total Quantity Shipped in 2016** 1 Management **EPA ID Number of receiving facility: Method Code** pounds UTD982598898 **H** 132 Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 2 Management **Method Code EPA ID Number of receiving facility:**

H \_\_\_\_

pounds

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### Commonwealth of Kentucky

			– Waste Ge	s Waste Ann eneration and to EPA Form (	d Manage							
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059											
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant												
Waste Description (See instructions.) Check one:   Liquid □ Solid  CONCENTRATED NON-HALOGENATED (e.g. NON-CHLORINATED) SOLVENT FROM DISCARDING OFF-  (1) (General) SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS OR PRODUCTS												
UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., 3, PG II  (2) (Item 9b of manifest)												
EPA Haz D001	zardous Waste C	ode(s)										
State Hazardous Waste Code (if applicable)  *G 11 **H **(For G25 only)  *G 50 **(For G25 only)  *G 11 **H **(For G												
Quantity Generated in Report Year  18  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)												
Was any owned tr	eatment works (P		ne.	cycling□, dis _No – skip to <b>v</b>			e to a sewer or publicly					
	On-site	Process System 1			C	On-site Proces	ss System 2					
0	n Site Manageme	ent Method Code:	н		n Site Mar	nagement Met	hod Code: H					
Q	uantity treated, re	ecycled, disposed: (C	ircle one)	C	uantity tre	eated, recycled	, disposed: (Circle one)					
	· · · · · · · · · · · · · · · · · · ·	ITE oped off site in 2016		-		? O – Form is comp	olete.					
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility		Off Site Manageme	nt	Total Qua	antity Shipped in 2016					
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:	Method Co	de		18 pounds					
Site 2		f receiving facility:		Off Site Manageme	nt	Total Qua	antity Shipped in 2016					
	EPA ID Numl	ber of receiving fac	ility:	Method Co	de		pounds					

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### Commonwealth of Kentucky

			– Waste Ge	enera	ste Annual Rep tion and Manag PA Form GM							
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059											
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gase	eous	Diffusion Plant							
Waste D	LAB PACKS	nstructions.) Check one: WITH NO ACUTE HAZ	=	_	Solid FROM OTHER RE	MEDIATION						
, , ,	m 9b of manifest)_	UN1759, WASTE COI LIMITED QUANTITY I	RROSIVE SOI RADIOACTIVE	LIDS, E MAT	N.O.S. (CONTAIN ERIAL	IS ZINC CHLORIC	DE, ANHYDROUS), 8 (7), PG III,					
EPA Ha: D002	zardous Waste C	Code(s)										
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 49 **H **(For G25 only)	Form Code (Specify Othe W 00	er)	Is this wast hazardous radioactive	and ?	Waste Minimization code  X					
Quantity Generated in Report Year  18poundspounds												
Was any owned to	reatment works (P		ne.	- 1	g□, disposal□		e to a sewer or publicly					
	On-site	Process System 1				On-site Proce	ess System 2					
0	n Site Manageme	ent Method Code:	н		On Site N	/lanagement Me	thod Code: H					
	-	cycled, disposed: (C				-	d, disposed: (Circle one)					
		eyelea, alapoaea. (O	_ pounds		<u>———</u>	Treated, recycled	pounds					
	· · · · · · · · · · · · · · · · · · ·	ITE  oped off site in 2016  ✓ Yes – Continue com		-	<u> </u>	ng? _No <i>– Form is com</i>	plete.					
Site		f receiving facility: ntific Services, Inc. (DS	.01)		Off Site	Total Ou	antity Shipped in 2016					
1		· · · · · · · · · · · · · · · · · · ·	<del></del>		nagement	Total &u	antity ompped in 2010					
	TND982109142	ber of receiving fac			thod Code H .040		pounds					
Site 2		f receiving facility:		Ma	Off Site nagement	Total Qu	antity Shipped in 2016					
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds					

Comments: REFERENCE FORM 1 BLOCK 13

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 - Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 \_ Agency Interest Number \_ 3059 Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant ☐ Solid OTHER ORGANIC LIQUID FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES (1) (General) UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (METHYL ETHYL KETONE), 3, PG II (2) (Item 9b of manifest)\_ **EPA Hazardous Waste Code(s)** D001 D035 F003 F005 **State Hazardous Waste** Is this waste both **Source Code** Form Code Waste \*(Specify other) (Specify Other) Code hazardous and Minimization code \***G** 19 \*\***H** (if applicable) radioactive? **W** 219 \_\_ Yes \*\*(For G25 only) **✓** No **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposal $\square$ , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. Yes - Complete On-site Process System block(s) NO − Skip to WASTE SHIPPED OFF SITE **On-site Process System 1 On-site Process System 2** On Site Management Method Code: On Site Management Method Code: Η\_\_ H 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 2016 for treatment, disposal, or recycling? ✓ Yes – Continue completing this form and Form 4. No - Form is complete. Site Name of receiving facility: Off Site Clean Harbors Deer Park, LLC **Total Quantity Shipped in 2016** 1 Management **Method Code EPA ID Number of receiving facility:** pounds TXD055141378 $H^{040}$ Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 2 Management **Method Code EPA ID Number of receiving facility:** pounds H \_\_\_\_

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### Commonwealth of Kentucky

			e – Waste G	enera	ste Annual Rep ation and Manag PA Form GM						
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	BATTERIES, neral)	NA	DRES, CASIN	IGS FF			R BATTERY REPLACEMENT				
(2) (Iter	m 9b of manifest)_										
EPA Ha: D002 D00	zardous Waste C 8	code(s)									
State Hazardous Waste Code (if applicable)  *G 16 **H **(For G25 only)  *G 25 only)  *G 309					Is this wast hazardous radioactive	Waste Minimization code					
Quantity Generated in Report Year 7083 pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)											
Was any owned to	eatment works (P		One.	_	ng□, disposal□ - 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 M	/lanagement Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one)		Quantity	treated, recycled	, disposed: (Circle one)				
			_ pounds				pounds				
	SHIPPED OFF Solve of this waste ship	oped off site in 2016			_	_					
Site	Name of	Yes – Continue complete freceiving facility:	pleting this for		Off Site	_No – Form is comp	olete.				
1					nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numi	per of receiving fac	ility:		thod Code		pounds				
Oit a	Name a	f			H						
Site 2	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds				

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2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
	CONCENTE	nstructions.) Check one: ATED NON-HALOGEN, ION, OUT-OF-DATE, A	ATED (o.g. NC		Solid HLORINATED) SC CHEMICALS OR P	DLVENT FROM DIS	CARDING OFF-				
NA (2) (Item 9b of manifest)											
EPA Hazardous Waste Code(s) D001 F003 U154											
State Hazardous Waste Code (if applicable)  *G 11 **H **(For G25 only)  *G 203  *(Specify other)  **(For G25 only)  *(Specify Other)  *(Sp											
Quantity Generated in Report Year  20 pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)											
ON SITE MANAGEMENT  Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. Yes - Complete On-site Process System block(s) Yes - Complete On-site Process System block(s)											
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	ent Method Code:	н		On Site N	Management Met	hod Code: <b>H</b>				
Q	luantity treated, re	cycled, disposed: (C	circle one)		Quantity	treated, recycled	, disposed: (Circle one)				
	SHIPPED OFF S  of this waste ship	ITE oped off site in 2016 ☐ Yes – Continue com				ng? _No <i>– Form is comp</i>	olete.				
Site 1		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2016				
		ber of receiving fac	ility:		thod Code H		pounds				
Site 2		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numl	ber of receiving fac	ility: 		thod Code H		pounds				

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### Commonwealth of Kentucky

			- Waste Ge	enera	ste Annual Rep ation and Manag PA Form GM							
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059											
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant												
	LAB PACKS	JSED CHEMICALS OR	ARDOUS WA	STE	Solid FROM DISCARDIN	NG OFF-SPECIFIC	ATION, OUT-OF-DATE,					
(2) (Iter	m 9b of manifest)_	NA										
	zardous Waste C 4 D005 D006 D007											
	azardous Waste Code f applicable)	Source Code *(Specify other)  *G 11 **H  **(For G25 only)	Form Cod (Specify Othe W 00	er)	Is this waste both hazardous and radioactive?  Yes No  Waste Minimization cod							
Quantity Generated in Report Year  194  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)												
Was any owned tr	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	ent Method Code:	н		On Site N	/lanagement Met	hod Code: <b>H</b>					
Q	uantity treated, re	ecycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	l, disposed: (Circle one)					
	SHIPPED OFF S  of this waste ship	ITE  pped off site in 2016  Ves – Continue comp			_	ng? _No <i>– Form is comp</i>	plete.					
Site	Name o	f receiving facility:			Off Site		antity Shipped in 2016					
1					nagement	10tai Qu	antity Shipped in 2016					
	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 2016					
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds					

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			- Waste Go	enera	ste Annual Repation and Manager PA Form GM					
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gas	eous	Diffusion Plant					
	OTHER AQU	nstructions.) Check one: EOUS WASTE OR WA	STEWATERS		☐ <b>Solid</b> M DIP, FLUSH OF	R SPRAY RINSING	3			
(2) (Iter	m 9b of manifest)_	NA								
EPA Haz D008	zardous Waste C	code(s)								
	azardous Waste Code applicable)	*G Ode *(Specify other)  *G Ode **H **(For G25 only)	Form Cod (Specify Othe W 11	her) hazardous and Minimization cod			Minimization code			
Quantity Generated in Report Year 65pounds Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)										
Was any owned tr	eatment 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 Proces	ss System 2			
0	n Site Manageme	ent Method Code:	н		On Site N	/lanagement Met	hod Code: <b>H</b>			
Q	uantity treated, re	cycled, disposed: (C	ircle one) _pounds		Quantity	treated, recycled	l, disposed: (Circle one)			
	SHIPPED OFF S of this waste ship	ITE oped off site in 2016 ☐ Yes – Continue com			_	ng? _No <i>– Form is comp</i>	plete.			
Site 1		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2016			
		ber of receiving fac	ility:		thod Code H		pounds			
Site 2		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2016			
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds			

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 - Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 Agency Interest Number <u>3059</u> Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant Solid OTHER AQUEOUS WASTE OR WASTEWATERS FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES (1) (General) (2) (Item 9b of manifest)\_ **EPA Hazardous Waste Code(s)** F001 F002 U228 **State Hazardous Waste** Is this waste both **Source Code** Form Code Waste \*(Specify other) (Specify Other) Code hazardous and Minimization code \***G** 19 \*\***H** (if applicable) radioactive? **W** 113 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposalolimits, or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. Yes - Complete On-site Process System block(s) ☐ NO — Skip to WASTE SHIPPED OFF SITE **On-site Process System 1 On-site Process System 2** H <sup>135</sup> On Site Management Method Code: On Site Management Method Code: Η\_\_\_ Quantity treated, recycled, disposed: (Circle one) Quantity treated, recycled, disposed: (Circle one) 1434 pounds pounds **WASTE SHIPPED OFF SITE** Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling? Yes – Continue completing this form and Form 4. ✓ No – Form is complete. Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 1 Management **Method Code EPA ID Number of receiving facility:** pounds Н Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 2 Management **Method Code**

H \_\_\_\_

pounds

**EPA ID Number of receiving facility:** 

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### Commonwealth of Kentucky

			– Waste Ge	enera	ste Annual Rep ation and Manag PA Form GM							
EPA ID	Number KY 8-89	00-008-982			Agency Inte	erest Number _	3059					
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
	OTHER ORG	nstructions.) Check one: ANIC LIQUID FROM C	LEANUP OF		Solid RESIDUES							
(2) (Iter	m 9b of manifest)_	NA										
EPA Haa	zardous Waste C	ode(s)										
	azardous Waste Code f applicable)	*G 32 **H **(For G25 only)	Form Cod (Specify Other W 219	er)	hazardous and Minimization code							
Quantity Generated in Report Year  88poundspoundspounds												
Was any owned tr	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 Proces	ss System 2					
o	n Site Manageme	nt Method Code:	н		On Site N	/lanagement Met	:hod Code: H					
	-	cycled, disposed: (C	ircle one)			-	l, disposed: (Circle one)					
			_ pounds				pounds					
	SHIPPED OFF S  of this waste ship	oped off site in 2016			_							
Site	Name o	Yes – Continue complete freceiving facility:	pleting this forn		Form 4. <u>V</u> Off Site	_No – Form is comp	olete.					
1					nagement	Total Qua	antity Shipped in 2016					
	EPA ID Numl	per of receiving fac	ility:	Me	thod Code		pounds					
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016					
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds					

Comments: PETROLEUM PRODUCT

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### Commonwealth of Kentucky

			- Waste Ge	enera	ste Annual Rep ation and Manag PA Form GM						
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
	•	nstructions.) Check one: SANIC SLUDGE FROM OR PRODUCTS	-		Solid SPECIFICATION	, OUT-OF-DATE, A	AND/OR UNUSED				
(2) (Iter	m 9b of manifest)_	NA									
<b>EPA Ha</b> D001 D00	zardous Waste C <sup>2</sup>	code(s)									
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 11 **H **(For G25 only)	Form Cod (Specify Other W 609	er)	Is this waste both hazardous and radioactive?  Yes No  Waste Minimization cod X						
Quantity Generated in Report Year  296  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)											
Was any owned tr	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	ent Method Code:	н		On Site N	/lanagement Met	hod Code: <b>H</b>				
	-	cycled, disposed: (C				_	l, disposed: (Circle one)				
'A' A CTE	CUIDDED OFF C	IT-	_ pounds				pounds				
	SHIPPED OFF S  of this waste ship	oped off site in 2016			<u> </u>	•	-1-1-				
Site	Name o	Yes – Continue comp f receiving facility:	oleting triis ioiri		Off Site	_No – Form is comp	olete.				
1					nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numl	ber of receiving fac	ility:		thod Code		pounds				
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds				

Comments: CALCOZINE RODAMINE DYE

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### Commonwealth of Kentucky

2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number KY 8-89	00-008-982			Agency Inte	erest Number _	3059			
Site Nar	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gas	eous	Diffusion Plant					
(1) (Ger	PAINT, INK, I CHEMICALS	nstructions.) Check one: LACQUER OR VARNIS OR PRODUCTS	-		Solid DING OFF-SPECIF	FICATION, OUT-OF	F-DATE, AND/OR UNUSED			
(2) (Item 9b of manifest)										
EPA Ha	zardous Waste C	code(s)								
	azardous Waste Code f applicable)	*G 11 **H **(For G25 only)	Form Cod (Specify Oth W 20	er)	Is this wast hazardous radioactive	Waste Minimization code  X				
Quantity Generated in Report Year  135  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in 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)									
	On-site	Process System 1				On-site Proces	ss System 2			
0	n Site Manageme	nt Method Code:	н		On Site N	Management Met	hod Code: H			
Q	Quantity 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 2016			_	ng? _No <i>– Form is comp</i>	olete.			
Site 1		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2016			
		ber of receiving fac	ility:		thod Code H		pounds			
Site 2		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2016			
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds			

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### Commonwealth of Kentucky

			. – Waste Ge	enera	ste Annual Rep tion and Manag PA Form GM					
EPA ID	Number <u>KY 8-89</u>	00-008-982			Agency Inte	erest Number _	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous	Diffusion Plant					
Waste D	SPENT CON	nstructions.) Check one: CENTRATED ACID (5%	% OR MORE)	FRON	Solid  // LABORATORY /	ANALYTICAL WAS	STES (USED CHEMICALS)			
(2) (Iter	n 9b of manifest)_	NA								
EPA Haz D002	zardous Waste C	ode(s)								
	azardous Waste Code applicable)	*G 22 **H *(For G25 only)	Form Cod (Specify Othe W 103	er) hazardous and Minimization cod			Minimization code			
Quantity Generated in Report Year  292  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)										
Was any owned tr	eatment works (P		One.	-	ıg□, disposal□ - 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	ent Method Code:	н		On Site N	Management Met	hod Code: <b>H</b>			
Q	uantity treated, re	cycled, disposed: (C	circle one) pounds		Quantity	treated, recycled	l, disposed: (Circle one)			
	SHIPPED OFF S of this waste ship	ITE  pped off site in 2016			<u> </u>	ng? _No <i>– Form is comp</i>	olete.			
Site 1		f receiving facility:		Ма	Off Site nagement		antity Shipped in 2016			
		ber of receiving fac	ility:		thod Code		pounds			
Site 2		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2016			
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds			

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### Commonwealth of Kentucky

			- Waste Go	enera	ste Annual Rep ation and Manag PA Form GM					
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u> a	aducah Gas	seous	Diffusion Plant					
Waste D	SPENT CON	nstructions.) Check one: CENTRATED ACID (5%	6 OR MORE)	FROM	Solid  OIL CHANGES	AND FILTER OR B	ATTERY REPLACEMENT			
(2) (Iter	m 9b of manifest)_	NA								
EPA Haz D002 D00	zardous Waste C 8	code(s)								
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 16 **H  **(For G25 only)	Form Cod (Specify Othe W 10	ther) hazardous and Minimization co			Minimization code			
Quantity Generated in Report Year  824  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)										
Was any owned tr	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	ent Method Code:	н		On Site N	/lanagement Met	hod Code: H			
	-	cycled, disposed: (C	ircle one)			-	l, disposed: (Circle one)			
			_ pounds				pounds			
	SHIPPED OFF S  of this waste ship	oped off site in 2016			<u> </u>					
Site	Name o	Yes – Continue comp f receiving facility:	oleting this forr		Off Site	_No – Form is comp	olete.			
1					nagement	Total Qua	antity Shipped in 2016			
	EPA ID Numl	ber of receiving fac	ility:		thod Code		pounds			
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016			
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds			

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 - Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 Agency Interest Number 3059 Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant ☐ Solid VERY DILUTE AQUEOUS WASTE MORE THAN 99% WATER FROM OTHER ONE-TIME OR INTERMITTENT (1) (General)\_\_PROCESSES (2) (Item 9b of manifest)\_ **EPA Hazardous Waste Code(s)** F001 F002 **State Hazardous Waste** Is this waste both

Form Code

(Specify Other)

**W** 101

Was any of this waste managed on site by treatment, recycling, disposal, or by discharge to a sewer or publicly

hazardous and

✓ Yes

No

radioactive?

Waste

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

Minimization code

owned treatment works (POTW) ☐ ? Check One.										
Yes	Yes - Complete On-site Process System block(s)									
	On-site Process System 1 On-site Process System 2									
0	on Site Management Method Code: H	_	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 2016 for treatment, disposal, or recycling?									
	Yes – Continue completing this			_No – Form is complete.						
Site 1	Name of receiving facility:		Off Site nagement	Total Quantity Shipped in 2016						
	EPA ID Number of receiving facility:  Hpounds									
Site 2	Name of receiving facility:		Off Site nagement	Total Quantity Shipped in 2016						
	EPA ID Number of receiving facility:		thod Code H	pounds						

Comments: GENERATED FROM DEACTIVATION OF INACTIVE FACILITY

**Source Code** 

\*(Specify other)

\***G** 19 \*\***H** 

**Quantity Generated in Report Year** 

\*\*(For G25 only)

Code

(if applicable)

**ON SITE MANAGEMENT** 

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 \_ Agency Interest Number \_ 3059 Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant Solid WASTE LIQUID MERCURY FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES (1) (General) (2) (Item 9b of manifest)\_ **EPA Hazardous Waste Code(s) State Hazardous Waste** Is this waste both **Source Code** Form Code Waste \*(Specify other) (Specify Other) Code hazardous and Minimization code (if applicable) \***G** 19 \*\***H** radioactive? W 117 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposal $\square$ , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. Yes - Complete On-site Process System block(s) NO − Skip to WASTE SHIPPED OFF SITE **On-site Process System 1 On-site Process System 2** On Site Management Method Code: On Site Management Method Code: Η\_\_ H 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 2016 for treatment, disposal, or recycling? Yes – Continue completing this form and Form 4. ✓ No – Form is complete. Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 1 Management **Method Code EPA ID Number of receiving facility:** pounds Н Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 2 Management **Method Code EPA ID Number of receiving facility:** pounds H \_\_\_\_\_

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2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059											
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gas	<u>seous</u>	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	NA NA										
EPA Ha	zardous Waste C	ode(s)									
State Hazardous Waste Code (if applicable)  *Gurce Code *(Specify other)  *Gurce Pode *(Specify Other)  *Gurce Pode *(Specify Other)  *Gurce Pode *(Specify Other)  *Gurce Pode *(Specify Other)  *W 206					Is this wast hazardous radioactive	Waste Minimization code  A					
-	Quantity Generated in Report Year 760 pounds  Cleave blank if waste amount is already listed in pounds  (Leave blank if waste amount is already listed in pounds)										
ON SITE MANAGEMENT  Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.  Yes - Complete On-site Process System block(s)  No - Skip to WASTE SHIPPED OFF SITE											
	On-site	Process System 1				On-site Proces	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)		Quantity	treated, recycled	, disposed: (Circle one)				
			_ pounds				pounds				
	SHIPPED OFF S of this waste ship	oped off site in 2016			_	_					
Site	Name of	Yes – Continue complete freceiving facility:	pleting this forr		Form 4 Off Site	_No – Form is comp	olete.				
1	ramo o	roociving laciney.			nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numi	per of receiving fac	ility:		thod Code						
					H		pounds				
Site 2	Name of	f receiving facility:		Off Site Management		Total Qua	antity Shipped in 2016				
	EPA ID Numi	per of receiving fac	ility:		thod Code H	pounds					

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2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059											
Site Nam	<b>e</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous D	Diffusion Plant						
	Waste Description (See instructions.) Check one: ☐ Liquid ☑ Solid  CONTAMINATED DEBRIS: PAPER, CLOTHING, RAGS, WOOD, GLASS, ETC. FROM OTHER ONE-TIME OR  (1) (General) INTERMITTENT PROCESSES										
(2) (Item	RQ, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-II), 7										
<b>EPA Haza</b> F001 F002	ardous Waste C	ode(s)									
State Hazardous Waste Code (if applicable)  *G 19 **H *(For G25 only)  *(For G25 only)  *(Specify Other) *(S							Minimization code				
_	Quantity Generated in Report Year 91400 pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)										
Was any owned tre	eatment works (P		ne.		□, disposal□		e to a sewer or publicly				
	On-site l	Process System 1				On-site Proce	ss System 2				
On		nt Method Code:	н		On Site M	Management Me	thod Code: <b>H</b>				
	_	cycled, disposed: (C				-	I, disposed: (Circle one)				
<b>α</b> α	Idility treated, re	cycleu, ulsposeu. (C	_ pounds		<u></u>	ireateu, recyclet	pounds				
WASTE SHIPPED OFF SITE  Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling?  ✓ Yes – Continue completing this form and Form 4. □ No – Form is complete.											
Site		f receiving facility:			ff Site	Total Quantity Shipped in 2016					
1	1 EnergySolutions Clive Facility Management Total Quantity Shipped in 2016  EPA ID Number of receiving facility: Method Code										
	UTD982598898	_	y:		132	pounds					
Site Name of receiving facility: Off Site  2 Management Total				Total Qu	antity Shipped in 2016						
	EPA ID Numb	per of receiving fac	ility:	Method Code  H poun							

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			- Waste Ge	enera	ste Annual Rep tion and Manag PA Form GM					
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Nan	ne (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gas	eous	Diffusion Plant					
Waste D	FILTERS, SC	nstructions.) Check one: DLID ABSORBENTS, IC	-	_	✓ Solid SINS AND SPENT	CARBON FROM	OTHER REMEDIATION			
(2) (Iten	n 9b of manifest)_	(DO 40 FOO4)	DOUS WASTE	E, SOI	LID, N.O.S. (CON	TAINS TRICHLOR	OETHYLENE), 9, PG III,			
	zardous Waste C 1 F002 U228	ode(s)								
State Hazardous Waste Code (if applicable)  *G 49 **H **(For G25 only)  *G 49 **H **(For G25 only)  *G 49 **H **(For G25 only)				er)	Is this wast hazardous radioactive	Waste Minimization code  A				
_	Quantity Generated in Report Year  29340  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)									
Was any owned tr	eatment works (P		ne.		g□, disposal□ - Skip to <b>WASTE SH</b> I		e to a sewer or publicly			
	On-site	Process System 1				On-site Proces	ss System 2			
Oı	n Site Manageme	nt Method Code:	н		On Site N	/lanagement Met	hod Code: H			
Qı	uantitv treated. re	cycled, disposed: (C	ircle one)		Quantity	treated. recvcled	, disposed: (Circle one)			
			_ pounds				pounds			
	· · · · · · · · · · · · · · · · · · ·	ITE  pped off site in 2016  ✓ Yes – Continue com		-			alata			
Site		f receiving facility:	pieting this form		Off Site	_No – Form is comp	oiete.			
1	Calgon Carbon			Ма	nagement	Total Qua	antity Shipped in 2016			
	EPA ID Numl KYD005009923	ber of receiving fac	ility:		thod Code H <sub>.</sub> <sup>039</sup>		29340 pounds			
Site 2		f receiving facility:		Off Site Management		Total Qua	antity Shipped in 2016			
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds			

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### Commonwealth of Kentucky

2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous	Diffusion Plant					
	METAL SCAL	nstructions.) Check one: LE, FILINGS AND SCR, R KY HAZ WASTE PRO	AP (INCLLIDI		Solid ETAL DRUMS) FR	OM CLOSURE OF	F HAZARDOUS WASTE MGT			
	m 9b of manifest)_		RADIOACTI				ED OBJECTS (SCO-II), 7, TC-			
<b>EPA Ha</b> F001 F002	zardous Waste C 2 U228	ode(s)								
State Hazardous Waste Code (if applicable)  Source Code (if applicable)  *G 41 **H / **(For G25 only)  *G 50 only)  *G 10										
-	Quantity Generated in Report Year  28754  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)									
Was any owned to	reatment works (P		one.	_	ng⊡, disposal⊡ – 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	ent Method Code:	H		On Site N	Management Met	hod Code: <b>H</b>			
Q	tuantity treated, re	cycled, disposed: (C	ircle one) _pounds		Quantity	treated, recycled	l, disposed: (Circle one)			
WASTE SHIPPED OFF SITE  Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling?  Yes – Continue completing this form and Form 4.  No – Form is complete.										
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qua	antity Shipped in 2016			
	EPA ID Numl UTD982598898	ber of receiving fac	ility:		thod Code H 132		28754 pounds			
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016			
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds			

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2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059											
Site Nan	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous	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, UN2913, WASTE RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I), 7, TC-										
EPA Haz D008	zardous Waste C	ode(s)									
State Hazardous Waste Code (if applicable)  *G 19 **H _ **(For G25 only)  *G 25 only)  *G 19 **H _ **(For G25 only)							Waste Minimization code  X				
_	Quantity Generated in Report Year 4754 pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)										
Was any owned tre	eatment 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				
Or	n Site Manageme	ent Method Code:	н		On Site N	Management Met	thod Code: H				
	_	cycled, disposed: (C	ircle one)			-	I, disposed: (Circle one)				
_			_ pounds				pounds				
WASTE SHIPPED OFF SITE Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling?  Yes – Continue completing this form and Form 4.  No – Form is complete.											
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Quantity Shipped in 2016					
-	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:	Me	thod Code		4754 pounds				
Site 2		f receiving facility:	2024	Ма	Off Site nagement	Total Quantity Shipped in 2016					
	EPA ID Numi	ber of receiving fac	ty:	Method Code H pou							

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2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059											
Site Nan	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gase	eous Diffusior	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, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (D009, D011), TC-										
	zardous Waste C 7 D008 D009 D011	ode(s)									
State Hazardous Waste Code (if applicable)  *G 19 **H _ **(For G25 only)  *G 25 only)  *G 19 **H _ **(For G25 only)  *G 19 **H _ **G 19 **H _ **(For G25 only)  *G 19 **H _ **(For G25 onl							Minimization code				
_	Quantity Generated in Report Year  2996  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)										
Was any owned tr	eatment works (P		ne.	cycling⊡, dis _No – skip to w			e to a sewer or publicly				
	On-site	Process System 1			C	n-site Proce	ss System 2				
0	n Site Manageme		н		n Site Mar	nagement Met	thod Code: <b>H</b>				
	_					_					
Q	uantity treated, re	cycled, disposed: (C	_ pounds		uantity trea	ated, recycled	I, disposed: (Circle one)				
WASTE SHIPPED OFF SITE  Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling?  ✓ Yes – Continue completing this form and Form 4. □ No – Form is complete.											
Site		f receiving facility:		Off Site		Total Quantity Shipped in 2016					
1	1   wanagement   wanagement										
	UTD982598898	ber of receiving fac		Method Co	ae	90unds					
Site 2	Name of	Name of receiving facility:  Off Site  Management  To				Total Quantity Shipped in 2016					
	EPA ID Numi	ber of receiving fac	ility:	Method Co H	de		pounds				

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			- Waste Ge	enerat	te Annual Repion and Manag A Form GM						
EPA ID	Number KY 8-89	90-008-982			_ Agency Inte	erest Number _	3059				
Site Nar	<b>ne</b> (As shown on Rec	gistration) <u>U.S. DOE Pa</u>	aducah Gase	eous [	Diffusion Plant						
Waste D	ELECTRICAL	nstructions.) Check one: L DEVICES (LAMPS, FI ENT PROCESSES	-	_	✓ Solid PS, THERMOSTA	ATS, CRTS, ETC.)	FROM OTHER ONE-TIME OR				
(2) (Iter	m 9b of manifest)_	OO COLID/OVIDE (D)					ED OBJECTS (SCO-I), 7, TC-				
	zardous Waste C 7 D008 D011	ode(s)									
	State Hazardous Waste Code (if applicable)  *G 19 **H _ **(For G25 only)  *G 19 **(For G25 only)  *Torm Code (Specify Other) *Torm Code (Specify Other)  *Torm Code (Speci										
Quantity Generated in Report Year  O pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)											
Was any owned tr	eatment works (P		ne.		g□, disposal□		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	ecycled, disposed: (C	ircle one)		Quantity	reated. recycled	, disposed: (Circle one)				
			_ pounds				pounds				
	•	ITE pped off site in 2016  ✓ Yes – Continue com				ng? No – Form is comp	nlete				
Site	Name o	f receiving facility:	510 til. 1 g til. 2 1 2		Off Site	•					
1	EnergySolutions	s Clive Facility		Man	nagement	Total Qua	antity Shipped in 2016				
	<b>EPA ID Num</b> l UTD982598898	ber of receiving fac	ility:		hod Code H . <sup>132</sup>		3424 pounds				
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Num	ber of receiving fac	ility:		hod Code I	pounds					

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## Commonwealth of Kentucky

			- Waste (	Genera	ste Annual Rep ation and Manag PA Form GM							
EPA ID	EPA ID Number         KY 8-890-008-982         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 CLEANUP OF SPILL RESIDUES  (1) (General)											
(2) (Ite	RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (TRICHLOROETHYLENE), 9, PG III, (F039)  (2) (Item 9b of manifest)											
EPA Ha F039												
State Hazardous Waste Code (if applicable)  *G 32 **H **(For G25 only)  *G 25 only)  *G 32 **H **(For G25 only)  *												
-	Quantity Generated in Report Year  8  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)											
Was any	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) Yes - Complete On-site Process System block(s)											
	·	Process System 1				On-site Proces	ss System 2					
	on Site Manageme	•	н		On Site N	Management Met	-	н				
	-	cycled, disposed: (C				treated, recycled						
	-	ITE  pped off site in 2016  ✓ Yes – Continue com	for treatme			ng? _No <i>– Form i</i> s comp	olete.	_ pounds				
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qua	antity Shippe	d in 2016				
	EPA ID Number of receiving facility:  UTD982598898  H 132						3188	pounds				
Site Name of receiving facility:					Off Site nagement	Total Qua	antity Shippe	d in 2016				
	EPA ID Numi	per of receiving fac	ility:		thod Code H			pounds				

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			– Waste Ge	enera	ste Annual Rep ation and Mana PA Form GM							
EPA ID	EPA ID Number KY 8-890-008-982 Agency Interest Number 3059											
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gase	<u>eous</u>	Diffusion Plant							
	-	nstructions.) Check one: TED DEBRIS: PAPER, ENT PROCESSES	-		Solid S, WOOD, GLASS	, ETC. FROM OTH	HER ONE-TIME OR					
(2) (Iter	m 9b of manifest)_	OO COLID/OVIDE (D)					ED OBJECTS (SCO-I), 7, TC-					
EPA Ha: D008	zardous Waste C	ode(s)										
State Hazardous Waste Code (if applicable)  *G 19 **H _ **(For G25 only)  *G 25 only)  *G 19 **H _ **(For G25 only)  *G 19 **(For G25 only)  *G 19 **H _ **(For G25 only)  *G 19 **H _ **(For G25 only)  *G 19 **(For G25 only)  *G 19 **H _ **(For G25 only)  *G 19 **(For G2												
Quantity Generated in Report Year  2522  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)												
Was any owned tr	eatment works (P		ne.	-	ng⊡, disposal⊡ – Skip to <b>waste s</b> Hl		e to a sewer or publicly					
	On-site	Process System 1				On-site Proce	ess System 2					
0	n Site Manageme	ent Method Code:	н		On Site N	Management Me	thod Code: H					
	_	cycled, disposed: (C	ircle one)			-	d, disposed: (Circle one)					
			_ pounds				pounds					
		ITE oped off site in 2016 t ✓ Yes – Continue comp			_	ng? _No <i>– Form i</i> s com	plete.					
Site	Name of EnergySolutions	f receiving facility:			Off Site	Total Qu	antity Shipped in 2016					
1	Management  EPA ID Number of receiving facility:  UTD982598898  Management  Method Code  H_132  Double Facility Shipped in 2010											
Site 2		f receiving facility:		Ма	Off Site nagement	Total Qu	antity Shipped in 2016					
	EPA ID Numi	ber of receiving fac			thod Code H		pounds					

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 - Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 Agency Interest Number <u>3059</u> Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant ✓ Solid Waste Description (See instructions.) Check one: Liquid OTHER ORGANIC SLUDGE FROM OTHER REMEDIATION (1) (General) RQ, UN2912, WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7 (PCB), NP-237, PU-239, TC-99, TH-228, TH-230, LIQUID/OXIDE, 150 MBQ, FISSILE EXCEPTED (2) (Item 9b of manifest)\_ EPA Hazardous Waste Code(s) D029 F001 F002 U226 U228 **State Hazardous Waste** Is this waste both **Source Code** Form Code Waste Code \*(Specify other) (Specify Other) hazardous and Minimization code \*G 49 \*\*H (if applicable) radioactive? **W** 609 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposal $\square$ , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. NO - Skip to WASTE SHIPPED OFF SITE Yes - Complete On-site Process System block(s) **On-site Process System 1 On-site Process System 2** On Site Management Method Code: On Site Management Method Code: H Η\_\_\_ 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 2016 for treatment, disposal, or recycling? ✓ Yes – Continue completing this form and Form 4. No - Form is complete. Site Name of receiving facility: Off Site Diversified Scientific Services, Inc. (DSSI) **Total Quantity Shipped in 2016** 1 Management **Method Code EPA ID Number of receiving facility:** 2220 pounds TND982109142 **H** 110

Off Site

Management Method Code

H \_\_\_\_

**Total Quantity Shipped in 2016** 

pounds

Site

2

Name of receiving facility:

**EPA ID Number of receiving facility:** 

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			- Waste Ge	enera	ste Annual Rep tion and Manag PA Form GM					
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059			
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gas	eous	Diffusion Plant					
Waste D	CONTAMINA	nstructions.) Check one: TED DEBRIS: PAPER, NT PROCESSES	•	_	Solid  S, WOOD, GLASS,	, ETC. FROM OTH	ER ONE-TIME OR			
(2) (Iter	m 9b of manifest)_	11	RROSIVE SO	LID, A	CIDIC, INORGAN	IC, N.O.S. (SULFL	IRIC ACID RESIDUALS), 8, PG			
EPA Ha	zardous Waste C	code(s)								
	State Hazardous Waste Code (if applicable)  *G 19 **H _ **(For G25 only)  **(For G25									
Quantity Generated in Report Year  2123										
Was any owned to	reatment works (P		ne.		g□, disposal□ - 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	ent Method Code:	н		On Site N	/lanagement Met	hod Code: H			
Q	uantity treated, re	cycled, disposed: (C	ircle one)		Quantity	treated, recycled	, disposed: (Circle one)			
			_ pounds				pounds			
	· · · · · · · · · · · · · · · · · · ·	ITE  oped off site in 2016  ✓ Yes – Continue com		-		ng? No – Form is comp	olete.			
Site	Name o	f receiving facility:			Off Site	Total Our				
1	PermaFix of Flo	i otai Qua	antity Shipped in 2016							
	<b>EPA ID Numl</b> FLD980711071	ber of receiving fac	ility:		thod Code H _ <sup>121</sup>		2123 pounds			
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016			
	EPA ID Numl	ber of receiving fac	ility:		thod Code H	pounds				

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			– Waste Ge	S Waste Annua eneration and to EPA Form GM	Management						
EPA ID	Number KY 8-89	90-008-982		Agend	cy Interest Nu	ımber <u>3059</u>					
Site Nan	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gase	eous Diffusion	Plant						
	-	nstructions.) Check one: L DEVICES (LAMPS, FLENT PROCESSES	-		MOSTATS, CR	rs, etc.) from ot	HER ONE-TIME OR				
(2) (Iter	m 9b of manifest)_	RQ, UN2913, WASTE (D009, D011), TC-99,					TS (SCO-I), 7				
	zardous Waste C 6 D007 D008 D009	• •									
State Hazardous Waste Code (if applicable)  *G 19 **H **(For G25 only)  *G 19											
Quantity Generated in Report Year  O pounds  Description:  O pounds  O pound											
Was any owned tr	eatment works (P	naged on site by trea POTW)  ? Check O	ne.	cycling⊡, dispo _No – skip to wa:	•	-	er or publicly				
	On-site	Process System 1			On-sit	e Process Syster	n 2				
O	n Site Manageme	ent Method Code:	н	On	Site Managen	nent Method Code	: <b>H</b>				
	_	ecycled, disposed: (Ci	ircle one)		_	recycled, dispose					
	· · · · · · · · · · · · · · · · · · ·	ITE  oped off site in 2016   ✓ Yes – Continue comp	for treatment	•	_	rm is complete.	·				
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility		Off Site Managemen		otal Quantity Shi	pped in 2016				
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:	Method Code H . 132	e	1586	pounds				
Site 2		f receiving facility:		Off Site Managemen	t T	otal Quantity Shi	pped in 2016				
	EPA ID Numl	ber of receiving fac	ility:	Method Code	e		pounds				

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#### Commonwealth of Kentucky

			6 Hazardous - Waste Ge Equivalen		nd Manag						
EPA ID	Number <u>KY 8-89</u>	90-008-982		Ag	ency Inte	rest Number _	3059				
Site Nan	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gase	eous Diffusi	on Plant						
Waste D	CONTAMINA	nstructions.) Check one: ATED DEBRIS: PAPER,	, CLOTHING, I	RAGS, WOO	D, GLASS,						
(2) (Iter	m 9b of manifest)_	UN2910, WASTE RAD					D QUANTITY OF MATERIAL, 7				
	zardous Waste C 2 U226 U228	ode(s)									
State Hazardous Waste Code (if applicable)  *G 49 **H											
Quantity Generated in Report Year  1410  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)											
Was any owned tr	eatment works (P		ne.			, or by discharge	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: <b>H</b>				
	_	ecycled, disposed: (Ci	ircle one) _pounds			_	, disposed: (Circle one)				
		ITE  oped off site in 2016		-	_	ıg? _No – Form is comp	olete.				
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility		Off Site Managem		Total Qua	antity Shipped in 2016				
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:	Method C	ode		1410 pounds				
Site 2		f receiving facility:		Off Site Managem		Total Qua	antity Shipped in 2016				
	EPA ID Numi	ber of receiving fac	ility:	Method C			pounds				

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#### Commonwealth of Kentucky

			. – Waste Ge	enera	ste Annual Rep tion and Manag PA Form GM						
EPA ID	Number <u>KY 8-89</u>	00-008-982			Agency Inte	erest Number _	3059				
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gase	eous	Diffusion Plant						
Waste D	CONTAMINA	nstructions.) Check one: TED DEBRIS: PAPER,	, CLOTHING, I	RAGS		, ETC. FROM OTH	ER REMEDIATION				
(2) (Iter	m 9b of manifest)_	NA3077, HAZARDOU					CB), 9, PG III				
	zardous Waste C 2 U226 U228	ode(s)									
State Hazardous Waste Code (if applicable)  *G 49 **H _ **(For G25 only)  *G 49 **(For G25 only)  *G 40 **(For G25 only)  *G 4											
Quantity Generated in Report Year  1228  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)											
Was any owned tr	eatment works (P		One.		g□, 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 N	Management Me	thod Code: <b>H</b>				
	_	cycled, disposed: (C	circle one) pounds			-	I, disposed: (Circle one)				
		ITE  oped off site in 2016  Ves – Continue comp		-	<u> </u>	ng? _No <i>– Form is com</i> j	plete.				
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qu	antity Shipped in 2016				
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:		thod Code H _ <sup>132</sup>		1228 pounds				
Site 2		f receiving facility:			Off Site nagement	Total Qu	antity Shipped in 2016				
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds				

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			- Waste Go	enera	ste Annual Rep ation and Manag PA Form GM							
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059					
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
Waste D	COMPRESSI		CARDING OF	F-SPI			OR UNUSED CHEMICALS OR					
(2) (Iter	m 9b of manifest)_	UN1950, WASTE AEF	,		BLE, EACH NOT E		APACITY), 2.1					
EPA Hai D001 D00	zardous Waste C 3	ode(s)										
	State Hazardous Waste Code (if applicable)  **(For G25 only)  **(F											
Quantity Generated in Report Year  355  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)												
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 Proces	ss System 2					
0	n Site Manageme	ent Method Code:	н		On Site N	Management Met	hod Code: H					
Q	uantity treated, re	cycled, disposed: (C	ircle one)		Quantity	treated, recycled	, disposed: (Circle one)					
			_ pounds				pounds					
_	· · · · · · · · · · · · · · · · · · ·	ITE  pped off site in 2016  ✓ Yes – Continue com			_	ng? No – Form is comp	olete.					
Site	Name o	f receiving facility:			Off Site							
1	Clean Harbors E	El Dorado, LLC		Ma	nagement	Total Qua	antity Shipped in 2016					
EPA ID Number of receiving facility:  ARD069748192  H_040							733 pounds					
Site 2					Off Site nagement	Total Qua	antity Shipped in 2016					
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds					

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#### Commonwealth of Kentucky

			- Waste Go	enera	ste Annual Rep ation and Manag PA Form GM							
EPA ID	EPA ID Number KY 8-890-008-982 Agency Interest Number 3059											
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
Waste D	FILTERS, SC		ON EXCHANG	SE RE			OTHER REMEDIATION					
(2) (Iter	m 9b of manifest)_	NA3077, HAZARDOU					PG III					
	zardous Waste C 1 F002 U228	ode(s)										
	State Hazardous Waste Code (if applicable)  **(Specify other) **(For G25 only)  **(For G25 only)  **(For G25 only)  **(For G25 only)  **(Specify Other) **(S											
Quantity Generated in Report Year  528  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in 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 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)		Quantity	treated, recycled	, disposed: (Circle one)					
			_ pounds				pounds					
	· · · · · · · · · · · · · · · · · · ·	ITE  oped off site in 2016  ✓ Yes – Continue com			_	ng? No – Form is comp	olete.					
Site	Name o	f receiving facility:			Off Site	,						
1	Clean Harbors [	Deer Park, LLC		Ma	nagement	Total Qua	antity Shipped in 2016					
EPA ID Number of receiving facility:  TXD055141378  Method Code  H_040  528						528 pounds						
Site 2					Off Site nagement	Total Qua	antity Shipped in 2016					
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds					

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#### Commonwealth of Kentucky

			- Waste Ge	enera	ste Annual Rep ation and Manag PA Form GM					
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059			
Site Nar	<b>ne</b> (As shown on Rec	gistration) <u>U.S. DOE P</u>	aducah Gas	eous	Diffusion Plant					
	FILTERS, SC		ON EXCHANG	E RE			OTHER REMEDIATION			
(2) (Iter	m 9b of manifest)_	NA3077, HAZARDOU					HYLENE), 9, PG III			
	zardous Waste C 1 F002 U228	Code(s)								
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 49 **H **(For G25 only)	Form Cod (Specify Other W 31	er)	Is this wast hazardous radioactive	and ?	Waste Minimization code  A			
Quantity Generated in Report Year  507  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)										
Was any owned tr	eatment 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	ent Method Code:	н		On Site N	Management Met	hod Code: H			
Q	uantitv treated, re	cycled, disposed: (C	ircle one)		Quantity	treated. recycled	l, disposed: (Circle one)			
			_ pounds				pounds			
	_	ITE  pped off site in 2016  ✓ Yes – Continue com			_	ng? No – Form is comi	olete.			
Site	Name o	f receiving facility:	proung and the		Off Site					
1 PermaFix of Florida, Inc. Management Total Quantity Shipped in										
	<b>EPA ID Num</b> FLD980711071	ber of receiving fac	ility:		thod Code H . <sup>141</sup>		507 pounds			
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016			
	EPA ID Numi	ber of receiving fac	ility:		thod Code H	pounds				

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			- Waste Ge	enera	ste Annual Rep tion and Manag PA Form GM						
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059				
Site Nar	<b>ne</b> (As shown on Rec	gistration) <u>U.S. DOE P</u>	aducah Gas	eous	Diffusion Plant						
Waste D	CONTAMINA	nstructions.) Check one: TED DEBRIS: PAPER,	•	· <del>-</del>	Solid  G, WOOD, GLASS,	ETC. FROM OTH	ER REMEDIATION				
(2) (Iter	m 9b of manifest)_	RQ, NA3077, HAZARI PG III	DOUS WASTE	E, SOI	LID, N.O.S. (METH	HANOL, TRICHLOI	ROETHYLENE), 9, RQ (PCB),				
	zardous Waste C 2 F003 U228	code(s)									
	State Hazardous Waste Code (if applicable)  *G 49 **H _ **(For G25 only)  *G 49 **(For G25 only)  *G 49 **H _ No  *G 49 **H _										
Quantity Generated in Report Year  120  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)											
Was any owned to	reatment works (P		ne.		g□, 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	ent Method Code:	н		On Site N	Management Met	hod Code: H				
Q	uantity treated, re	cycled, disposed: (C	ircle one)		Quantity	treated, recycled	l, disposed: (Circle one)				
			_ pounds				pounds				
	_	ITE  pped off site in 2016  ✓ Yes – Continue com		-		ng? No – Form is com	olete.				
Site	Name o	f receiving facility:			Off Site						
1 PermaFix of Florida, Inc. Management Total Quantity Shipped in											
	FLD980711071	ber of receiving fac	ility:		thod Code H _ <sup>141</sup>		120 pounds				
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds				

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 - Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 Agency Interest Number <u>3059</u> Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant ✓ Solid Waste Description (See instructions.) Check one: Liquid COMPRESSED GASES FROM OTHER REMEDIATION (1) (General) UN1950, WASTE AEROSOLS, 2.1 (7), LIMITED QUANTITY RADIOACTIVE MATERIAL (2) (Item 9b of manifest)\_ **EPA Hazardous Waste Code(s)** D001 D003 **State Hazardous Waste** Is this waste both **Source Code** Form Code Waste \*(Specify other) (Specify Other) Code hazardous and Minimization code \*G 49 \*\*H (if applicable) radioactive? **W** 801 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposal $\square$ , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. Yes - Complete On-site Process System block(s) NO − Skip to WASTE SHIPPED OFF SITE **On-site Process System 1 On-site Process System 2** On Site Management Method Code: On Site Management Method Code: Η\_\_\_ H 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 2016 for treatment, disposal, or recycling? ✓ Yes – Continue completing this form and Form 4. No - Form is complete. Site Name of receiving facility: Off Site M&EC/PermaFix **Total Quantity Shipped in 2016** 1 Management **Method Code EPA ID Number of receiving facility:** pounds TNR000005397 **H** 129 Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 2 Management **Method Code EPA ID Number of receiving facility:** pounds H \_\_\_\_

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			- Waste 0	Genera	ste Annual Rep Ition and Manag PA Form GM							
EPA ID	EPA ID Number         KY 8-890-008-982         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 SOLIDS FROM DISCARDING OFF-SPECIFICATION, OUT-OF-DATE, AND/OR UNUSED CHEMICALS  (1) (General) OR PRODUCTS											
(2) (Ite	UN2811, WASTE TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, PG II  (2) (Item 9b of manifest)											
<b>EPA Ha</b> U188												
State Hazardous Waste Code (if applicable)  *G 11 **H (For G25 only)  *(For G25 only)  *(Specify Other)  *(Specify Other												
	Quantity Generated in Report Year  18  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)											
Was any	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) Yes - Complete On-site Process System block(s)											
	On-site	Process System 1				On-site Proces	ss System 2					
0	n Site Manageme	•	н		On Site N	Management Met	•	Н				
	-	cycled, disposed: (C				treated, recycled						
	-	ITE oped off site in 2016 ✓ Yes – Continue com				ng? _No <i>– Form i</i> s comp	olete.					
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qua	antity Shipped	d in 2016				
	EPA ID Numl UTD982598898	ber of receiving fac	ility:		thod Code H . <sup>132</sup>		18	pounds				
Site Name of receiving facility: 2					Off Site nagement	Total Qua	antity Shipped	d in 2016				
	EPA ID Numi	ber of receiving fac	ility:		thod Code H			pounds				

Comments: PHENOL

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#### Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 - Waste Generation and Management Equivalent to EPA Form GM EPA ID Number KY 8-890-008-982 Agency Interest Number <u>3059</u> Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant Waste Description (See instructions.) Check one: Liquid ✓ Solid DRIED PAINT (PAINT CHIPS, FILTERS, AIR FILTERS, OTHER) FROM OTHER ONE-TIME OR INTERMITTENT (1) (General)\_PROCESSES NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (CONTAINS PAINT WASTE), 9, PG III (2) (Item 9b of manifest)\_ EPA Hazardous Waste Code(s) D006 D007 D008 D010 **State Hazardous Waste** Is this waste both **Source Code** Form Code Waste \*(Specify other) (Specify Other) Code hazardous and Minimization code \***G** 19 \*\***H** (if applicable) radioactive? **W** 406 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment $\square$ , recycling $\square$ , disposal $\square$ , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. Yes - Complete On-site Process System block(s) NO − Skip to WASTE SHIPPED OFF SITE **On-site Process System 1 On-site Process System 2** On Site Management Method Code: On Site Management Method Code: H\_ Η\_\_\_ 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 2016 for treatment, disposal, or recycling? ✓ Yes – Continue completing this form and Form 4. No - Form is complete. Site Name of receiving facility: Off Site **EnergySolutions Clive Facility Total Quantity Shipped in 2016** 1 Management **EPA ID Number of receiving facility: Method Code** pounds UTD982598898 **H** 132 Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 2 Management

**Method Code** 

H \_\_\_\_

pounds

**EPA ID Number of receiving facility:** 

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			- Waste Ge	enera	ste Annual Rep tion and Manag PA Form GM							
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059											
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant												
	-	S	AP (INCLUDII	NG MI	,		TIME OR INTERMITTENT					
(2) (Iter	m 9b of manifest)_				•	S LEAD ITEMS), 9	), PG III, RQ (ASBESTOS)					
EPA Haz D008	zardous Waste C	ode(s)										
State Hazardous Waste Code (Specify other)  (if applicable)  *G 19 **H (For G25 only)  *(For G25 only)  *(For G25 only)  *(Specify Other)  *(Specify Other)												
Quantity Generated in Report Year  10 pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)												
Was any owned tr	eatment works (P		ne.	-	ıg□, 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 N	Management Me	thod Code: H					
Q	uantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	I, disposed: (Circle one)					
	· · · · · · · · · · · · · · · · · · ·	ITE  pped off site in 2016 i  ✓ Yes – Continue comp		-	<u> </u>	ng? _No <i>– Form is com</i>	plete.					
Site 1	Name of EnergySolutions	f receiving facility: s Clive Facility			Off Site nagement	Total Qu	antity Shipped in 2016					
	<b>EPA ID Numl</b> UTD982598898	ber of receiving fac	ility:		thod Code H _ <sup>132</sup>		10 pounds					
Site 2		f receiving facility:			Off Site nagement	Total Qu	antity Shipped in 2016					
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds					

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	2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
Waste D	BATTERIES,	nstructions.) Check one: BATTERY PARTS, CC	-		Solid  ROM OIL CHANGE	ES AND FILTER OF	R BATTERY REPLACEMENT				
(2) (Ite	(2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D003											
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 16 **H **(For G25 only)	Form Co (Specify Ot W 3	her)	Is this wast hazardous radioactive	and ?	Waste Minimization code				
-	Quantity Generated in Report Year  35  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in 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) Yes - Complete On-site Process System block(s)										
	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	Quantity treated, re	cycled, disposed: (C	ircle one) _pounds		Quantity treated, recycled, disposed: (Circle one)pounds						
	SHIPPED OFF Solvy of this waste ship	ITE  pped off site in 2016  Yes – Continue com				ng? _No <i>– Form i</i> s comp	olete.				
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2016				
1	EDA ID No				nagement thod Code	. J.a. Gal	y empres in zero				
	EPA ID Numi	ber of receiving fac	y:		H_		pounds				
Site 2	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numi	per of receiving fac	ility:	Me	thod Code		pounds				

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	2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
Waste D	BATTERIES,	nstructions.) Check one: BATTERY PARTS, CC	-		✓ Solid ROM OIL CHANGE	ES AND FILTER OF	R BATTERY REPLACEMENT				
(2) (Ite	(2) (Item 9b of manifest)										
EPA Hazardous Waste Code(s) D006											
	State Hazardous Waste Code (if applicable)  *G 16 **H ** (For G25 only)  *G 25 only)  Form Co- (Specify Otle)  W 3				Is this wast hazardous radioactive	and ?	Waste Minimization code				
-	Quantity Generated in Report Year  35  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in 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) Yes - Complete On-site Process System block(s)										
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н		On Site N	Management Met	hod Code: H				
Q	Quantity treated, re	cycled, disposed: (C	ircle one) _pounds		Quantity treated, recycled, disposed: (Circle one)pounds						
	SHIPPED OFF Solvy of this waste ship	ITE  pped off site in 2016  Yes – Continue com				ng? _No <i>– Form i</i> s comp	olete.				
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2016				
1	FDA ID Novel				nagement thod Code	10141 440	y 0ppuu 2010				
	EPA ID Nullii	ber of receiving fac	y:		H_		pounds				
Site 2	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numi	per of receiving fac	ility:	Me	thod Code		pounds				

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	2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM										
EPA ID	Number KY 8-89	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 Gas	eous	Diffusion Plant						
	-	nstructions.) Check one: ED GASES FROM DISC	-		Solid SCIFICATION, OU	T-OF-DATE, AND/	OR UNUSED CHEMICALS OR				
(2) (Iter	m 9b of manifest)_	NA									
EPA Hazardous Waste Code(s) D001 D003											
State Hazardous Waste Code (if applicable)  *G 11 **H **(For G25 only)  *W 8					Is this wast hazardous radioactive	and ?	Waste Minimization code  A				
-	Quantity Generated in Report Year  136  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)										
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)										
	·	Process System 1			·	On-site Proces	ss System 2				
0	n Site Manageme	•	Н		On Site N		_				
	_										
Q		cycled, disposed: (C	_ pounds		Quantity	irealed, recycled	l, disposed: (Circle one)pounds				
	SHIPPED OFF S  of this waste ship	ITE oped off site in 2016				ng? _No <i>– Form is comp</i>	plete.				
Site	Name of	f receiving facility:			Off Site	Total Qua	antity Shipped in 2016				
1	EPA ID Numi	per of receiving fac	ility:	Me	nagement thod Code	10141	pounds				
01:					H		poundo				
Site 2	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numi	per of receiving fac	ility:		thod Code H		pounds				

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			- Waste G	Senera	ste Annual Rep ation and Manag PA Form GM						
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Nar	Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant										
(1) (Ger	DRIED PAIN PROCESSES	NA	ERS, AIR FIL	TERS,	, 		OR INTERMITTENT				
(2) (Itei	m 9b of manifest)_										
EPA Ha	zardous Waste C	Code(s)									
	azardous Waste Code f applicable)	*G 19 **H*(For G25 only)	Form Co (Specify Otl W 4	her)	Is this wast hazardous radioactive	and ?	Waste Minimization code  X				
Quantity Generated in Report Year 75pounds Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in 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 Proces	ss System 2				
0	n Site Manageme	ent Method Code:	н		On Site N	lanagement Met	hod Code: H				
Q	Quantity treated, re	ecycled, disposed: (C	ircle one)		Quantity	treated, recycled	, disposed: (Circle one)				
			_ pounds				pounds				
	SHIPPED OFF S y of this waste ship	pped off site in 2016			·	ng?					
0:4-	Nama a	Yes - Continue com	pleting this fo			_No <i>– Form is comp</i>	plete.				
Site 1	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
'	EPA ID Num	ber of receiving fac	ility:		thod Code						
					H		pounds				
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds				
					<del></del>						

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2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059				
Site Nar	<b>me</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gas	eous	Diffusion Plant						
	•	nstructions.) Check one: _ DEVICES (LAMPS, FI :NT PROCESSES	-		Solid  MPS, THERMOSTA	ATS, CRTS, ETC.)	FROM OTHER ONE-TIME OR				
(2) (Ite											
EPA Ha D006 D00	zardous Waste C 08 D009	code(s)									
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 19 **H  **(For G25 only)	Form Cod (Specify Oth W 32	er)	Is this waste both hazardous and radioactive?  Yes No  Waste Minimization code						
Quantity Generated in Report Year  756  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)											
Was any	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) Yes - Complete On-site Process System block(s)										
	On-site	Process System 1				On-site Proces	ss System 2				
О	n Site Manageme	ent Method Code:	н		On Site N	Management Met	hod Code: H				
C	Quantity treated, re	cycled, disposed: (C	ircle one) _ pounds		Quantity	treated, recycled	, disposed: (Circle one)				
	SHIPPED OFF S y of this waste ship	ITE  pped off site in 2016  ☐ Yes – Continue com			_	ng? _No <i>– Form is comp</i>	olete.				
Site	Name o	f receiving facility:			Off Site		antity Shipped in 2016				
1					nagement	Total Qua	andly Shipped in 2010				
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds				
Site 2	Name of	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds				

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			- Waste G	enera	ste Annual Rep ation and Mana PA Form GM						
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059				
Site Nan	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous	Diffusion Plant						
Waste D	ELECTRICAL	ENT PROCESSES	-		☑ Solid MPS, THERMOSTA	ATS, CRTS, ETC.)	FROM OTHER ONE-TIME OR				
(2) (Iter	m 9b of manifest)_	NA									
	zardous Waste C 8 D009 D011	ode(s)									
State Hazardous Waste Code (if applicable)  *G 19 **H (For G25 only)  *G 19 **H (Specify other)  *W 33					Is this waste both hazardous and radioactive?  Yes No						
	Quantity Generated in Report Year 724 pounds Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)										
Was any owned tr	eatment works (P		ne.	_	ng⊡, disposal⊡ – Skip to <b>waste s</b> Hi		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 N	/lanagement Met	hod Code: <b>H</b>				
0	uantity treated re	ecycled, disposed: (C	ircle one)		Quantity	treated recycled	l, disposed: (Circle one)				
Q	uantity treated, re	cycled, disposed. (C	_ pounds		Quantity	eated, recycled	pounds				
	SHIPPED OFF S	ITE  oped off site in 2016  Ves – Continue com			_	ng? _No <i>– Form is comp</i>	alata.				
Site	Name o	<u> </u>	preurig unis ion		Off Site	_NO = Form is comp	orete.				
1				Ma	nagement	Total Qua	antity Shipped in 2016				
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds				
Site 2	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds				

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			- Waste C	<b>S</b> enera	ste Annual Rep ation and Manag PA Form GM						
EPA ID	EPA ID Number         KY 8-890-008-982         Agency Interest Number         3059										
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant											
(1) (Ger	ELECTRICAL INTERMITTE	nstructions.) Check one: L DEVICES (LAMPS, FI INT PROCESSES	LUORESCE	NT LAN			FROM OTHER ONE-TIME OR				
EPA Ha	zardous Waste C	code(s)									
	azardous Waste Code f applicable)	Form Co (Specify Ot W 3	her)	Is this wast hazardous radioactive	Waste Minimization code						
Quantity Generated in Report Year  165  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)											
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 Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н		On Site N	Management Met	hod Code: <b>H</b>				
0	uantity treated re	cycled, disposed: (C	ircle one)		Quantity	treated recycled	, disposed: (Circle one)				
			_ pounds				pounds				
	SHIPPED OFF S  of this waste ship	ITE  pped off site in 2016  ☐ Yes – Continue com			_	ng? No – Form is comp	olete.				
Site	Name o	f receiving facility:	, <u></u>		Off Site						
1				Ma	nagement	l otal Qua	antity Shipped in 2016				
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds				
Site 2		f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds				

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			- Waste Ge	enera	ste Annual Rep ation and Mana PA Form GM					
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059			
Site Nan	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous	Diffusion Plant					
Waste D	ELECTRICAL	ENT PROCESSES	-		Solid  MPS, THERMOSTA	ATS, CRTS, ETC.)	FROM OTHER ONE-TIME OR			
(2) (Iter	m 9b of manifest)_	NA								
	zardous Waste C 6 D008 D009	ode(s)								
State Hazardous Waste Code (if applicable)  *G 19 **H **(For G25 only)  *W 3					Is this waste both hazardous and radioactive?  Yes No  Waste Minimization code					
Quantity Generated in Report Year  101  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)										
Was any owned tr	eatment 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	ent Method Code:	н		On Site N	Management Met	hod Code: <b>H</b>			
	-	ecycled, disposed: (C	ircle one)			_	l, disposed: (Circle one)			
<b>.</b>	uaniny neateu, ro	Cycleu, disposed. (C	_ pounds			ireaieu, recyclou	pounds			
	SHIPPED OFF S of this waste ship	ITE  oped off site in 2016  Ves – Continue com			_	ng? _No <i>– Form is comp</i>	nlete			
Site	Name o	f receiving facility:	olding the learning		Off Site					
1				Ma	nagement	Total Qua	antity Shipped in 2016			
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds			
Site 2		f receiving facility:			Off Site nagement	Total Qu	antity Shipped in 2016			
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds			

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2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM											
EPA ID	Number KY 8-89	00-008-982			Agency Inte	erest Number _	3059				
Site Nar	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous	Diffusion Plant						
	•	nstructions.) Check one: L DEVICES (LAMPS, FI INT PROCESSES	-		☑ Solid MPS, THERMOST	ATS, CRTS, ETC.)	FROM OTHER ONE-TIME OR				
(2) (Ite											
EPA Ha	zardous Waste C	ode(s)									
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 19 **H  **(For G25 only)	Form Cod (Specify Oth W 32	er)	Is this waste both hazardous and radioactive?  Yes No  Waste Minimization code						
Quantity Generated in Report Year  88 pounds  Cleave blank if waste amount is already listed in pounds  (Leave blank if waste amount is already listed in 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) Yes - Complete On-site Process System block(s)										
	On-site	Process System 1				On-site Proces	ss System 2				
0	n Site Manageme	nt Method Code:	н		On Site N	Management 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 2016			_	ng? _No – Form is comp	olete.				
Site 1	Name o	f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016				
		ber of receiving fac	ility:		thod Code H		pounds				
Site 2		f receiving facility:		Ма	Off Site nagement	Total Qua	antity Shipped in 2016				
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds				

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#### Commonwealth of Kentucky

			- Waste Ge	enera	ste Annual Rep ation and Manag PA Form GM					
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059			
Site Nan	<b>ne</b> (As shown on Rec	gistration) <u>U.S. DOE P</u>	aducah Gas	eous	Diffusion Plant					
	-	Y REPLACEMENT	-		✓ Solid  SINS AND SPENT	CARBON FROM	OIL CHANGES AND FILTER			
(2) (Iter	m 9b of manifest)_	NA .								
EPA Haz D008	zardous Waste C	ode(s)								
State Hazardous Waste Code (if applicable)  *G 16 **H **(For G25 only)  *G 25 only)  *G 3					Is this waste both hazardous and radioactive?  Yes No  Waste Minimization cod X					
Quantity Generated in Report Year  198  pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)										
Was any owned tr	eatment 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	ent Method Code:	н		On Site N	Management Met	hod Code: H			
0	uantity treated ire	ecycled, disposed: (C	ircle one)		Quantity	treated recycled	l, disposed: (Circle one)			
•	uaniny irodiou, ro	Cycleu, disposed. (C	_ pounds			ireateu, recyclou	pounds			
	SHIPPED OFF S of this waste ship	SITE  pped off site in 2016  Ves - Continue com			_	ng? _No <i>– Form is comp</i>	nlata			
Site	Name o	f receiving facility:	blearing with term		Off Site					
1				Ma	nagement	Total Qua	antity Shipped in 2016			
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds			
Site 2		f receiving facility:			Off Site magement	Total Qua	antity Shipped in 2016			
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds			

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#### Commonwealth of Kentucky

			- Waste G	enera	ste Annual Rep ation and Mana PA Form GM					
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059			
Site Nan	<b>ne</b> (As shown on Rec	gistration) <u>U.S. DOE P</u>	aducah Gas	seous	Diffusion Plant					
(1) (Ger	LAB PACKS neral) AND/OR UNI	JSED CHEMICALS OR NA	ARDOUS WAR PRODUCTS	ASTE I			ATION, OUT-OF-DATE,			
(2) (Iter	m 9b of manifest)_									
	zardous Waste C 3 D004 D005 D007	Code(s) D008 D009 D011 P098	8 P106 U144							
State Hazardous Waste Code (if applicable)  *G 11 **H (For G25 only)  *G 15 **(For G25 only)					Is this wast hazardous radioactive	Waste Minimization code  X				
_	Quantity Generated in Report Year  400  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)									
Was any owned tr	eatment 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	ent Method Code:	н		On Site N	/lanagement Met	hod Code: H			
0	uantity treated ire	cycled, disposed: (C	ircle one)		Quantity	treated recycled	, disposed: (Circle one)			
		eyeled, disposed. (O	_ pounds		———		pounds			
	SHIPPED OFF S of this waste ship	ITE  pped off site in 2016  Yes – Continue com			_	ng? _No <i>– Form is comp</i>	olete.			
Site	Name o	f receiving facility:			Off Site					
1				Ma	nagement	Total Qua	antity Shipped in 2016			
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds			
Site 2		f receiving facility:			Off Site nagement	Total Qua	antity Shipped in 2016			
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds			

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2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY 8-89	00-008-982			Agency Inte	erest Number _	3059		
Site Nan	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE Pa</u>	aducah Gas	eous	Diffusion Plant				
(1) (Ger	METAL SCAI PROCESSES	NA	AP (INCLUDI	NG M			TIME OR INTERMITTENT		
(2) (Iter	II 90 01 IIIaililesij_								
<b>EPA Haz</b> F001 F002	zardous Waste C	ode(s)							
	azardous Waste Code applicable)	*Source Code *(Specify other)  *G 19 **H  **(For G25 only)	Form Cod (Specify Othe W 30	er)	Is this waste both hazardous and radioactive?  Yes No		Waste Minimization code  X		
Quantity Generated in Report Year  5170  pounds  Enter the value used to continuous (Leave blank if waste amount)						e used to conve			
Was any owned tr	eatment 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 Process System 2								
0	On Site Management Method Code: H On Site Management Method Code: H						hod Code: <b>H</b>		
O	uantity treated re	cycled, disposed: (C	ircle one)		Quantity treated, recycled, disposed: (Circle one)				
	udinity troatou, to	Cyclica, alapadaa. (C	_ pounds		pounds				
	SHIPPED OFF S of this waste ship	ITE  pped off site in 2016  Yes – Continue com			_	ng? _No <i>– Form is comp</i>	olete.		
Site	Name o	f receiving facility:	<u> </u>		Off Site				
1				Ma	nagement	Total Qua	antity Shipped in 2016		
	EPA ID Numl	ber of receiving fac	ility:		thod Code H		pounds		
Site 2		f receiving facility:		Off Site  Management  Total Qua		Total Qu	antity Shipped in 2016		
	EPA ID Numi	ber of receiving fac	ility:		thod Code H		pounds		

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

EPA ID Number KY 8-890-008-982 \_ Agency Interest Number \_ 3059 Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant Waste Description (See instructions.) Check one: Liquid ✓ Solid METAL SCALE, FILINGS AND SCRAP (INCLUDING METAL DRUMS) FROM OTHER ONE-TIME OR INTERMITTENT (1) (General)\_\_PROCESSES (2) (Item 9b of manifest)\_ EPA Hazardous Waste Code(s) D006 D007 D008 D009 D011 **State Hazardous Waste** Is this waste both **Source Code** Form Code Waste \*(Specify other) (Specify Other) Code hazardous and Minimization code \***G** 19 \*\***H** (if applicable) radioactive? **W** 307 ✓ Yes \*\*(For G25 only) No\_ **Quantity Generated in Report Year** Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds) ON SITE MANAGEMENT Was any of this waste managed on site by treatment  $\square$ , recycling  $\square$ , disposal  $\square$ , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One. NO - Skip to WASTE SHIPPED OFF SITE Yes - Complete On-site Process System block(s) **On-site Process System 1 On-site Process System 2** On Site Management Method Code: On Site Management Method Code: H\_ Η\_\_\_ 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 2016 for treatment, disposal, or recycling? Yes – Continue completing this form and Form 4. ✓ No – Form is complete. Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 1 Management **Method Code EPA ID Number of receiving facility:** pounds Н Site Name of receiving facility: Off Site **Total Quantity Shipped in 2016** 2 Management **Method Code EPA ID Number of receiving facility:** pounds H \_\_\_\_

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2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management Equivalent to EPA Form GM									
EPA ID	Number KY 8-89	90-008-982			Agency Inte	erest Number _	3059		
Site Nan	<b>ne</b> (As shown on Reg	gistration) <u>U.S. DOE P</u>	aducah Gas	eous	Diffusion Plant				
(1) (Ger	METAL SCAI PROCESSES	NA	AP (INCLUDI	NG M			TIME OR INTERMITTENT		
(2) (Iter	n 9b of manifest)_								
EPA Haz D008	zardous Waste C	Code(s)							
	azardous Waste Code f applicable)	*Source Code *(Specify other)  *G 19 **H  **(For G25 only)	Form Cod (Specify Oth W_30	er)	Is this waste both hazardous and radioactive?  Yes No		Waste Minimization code  X		
Quantity Generated in Report Year  60  pounds  Enter the value used to convert this waste to pounds  (Leave blank if waste amount is already listed in pounds)									
Was any owned tr	eatment 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 Process System 2								
0	On Site Management Method Code: H On Site Management Method Code: H						hod Code: H		
0	uantity treated re	cycled, disposed: (C	ircle one)		Quantity treated, recycled, disposed: (Circle one)				
			_ pounds		pounds				
	SHIPPED OFF S	oped off site in 2016			_				
Site	Name o	Yes – Continue complete freceiving facility:	pleting this fori		Off Site	_No – Form is comp	olete.		
1					nagement	Total Qua	antity Shipped in 2016		
	EPA ID Numi	ber of receiving fac	ility:	Me	thod Code		pounds		
Site 2	Name o	f receiving facility:			Off Site  Management  Total Quantity Sh		antity Shipped in 2016		
	EPA ID Num	ber of receiving fac	ility:		thod Code H		pounds		

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# Commonwealth of Kentucky 2016 Hazardous Waste Annual Report FORM 2 – Waste Generation and Management

Equivalent to EPA Form GM								
EPA ID	Number KY 8-89	0-008-982			_ Agency Inte	erest Number _	3059	
Site Name (As shown on Registration) U.S. DOE Paducah Gaseous Diffusion Plant								
	Waste Description (See instructions.) Check one: ☐ Liquid ☑ Solid  OTHER INORGANIC SOLIDS FROM OTHER ONE-TIME OR INTERMITTENT PROCESSES  (1) (General)							
(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 Co (Specify Or W_3	ther)	Is this waste both hazardous and radioactive?  Yes No		Waste Minimization code  X	
Quantity Generated in Report Year 303 pounds  Enter the value used to convert this waste to pounds (Leave blank if waste amount is already listed in pounds)								
ON SITE MANAGEMENT  Was any of this waste managed on site by treatment , recycling , disposal , or by discharge to a sewer or publicly owned treatment works (POTW) ? Check One.  Yes - Complete On-site Process System block(s)  No - Skip to WASTE SHIPPED OFF SITE								
	On-site Process System 2  On-site Process System 2							
On Site Management Method Code: H					On Site Management Method Code: H			
Quantity treated, recycled, disposed: (Circle one)pounds					Quantity treated, recycled, disposed: (Circle one)pounds			
WASTE SHIPPED OFF SITE Was any of this waste shipped off site in 2016 for treatment, disposal, or recycling?								
Site 1	Name of	f receiving facility:		C	Off Site	Total Quantity Shipped in 2016		
_	EPA ID Numb	per of receiving faci	ility:	Management Method Code H <sub>.</sub>		pounds		
Site 2		f receiving facility: ber of receiving facility:		Off Site Management		Total Qua	entity Shipped in 2016	
		Jer of receiving laci	y.		hod Code H		pounds	



#### **ENCLOSURE 7**

2016 ANNUAL HAZARDOUS WASTE REPORT, ASSESSMENT RETURN, AND CLAIM FOR EXCLUSION FOR THE PADUCAH GASEOUS DIFFUSION PLANT, MCCRACKEN COUNTY, KENTUCKY, PERMIT NUMBER KY8-890-008-982

FORM 4 – SUMMARY OF WASTE SHIPPED OFF SITE



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Commonwealth of Kentucky

#### 2016 Hazardous Waste Annual Report FORM 4 – Summary of Waste Shipped Off Site

**EPA ID Number** KY8-890-008-982

Agency Interest Number 3059

Site Name (Exactly as on Registration) <u>U.S. DOE Paducah Gaseous Diffusion Plant</u>

List all receiving facilities.  List each facility only once.	Total Number of Manifested Shipments		nds Shipped orting year	
EPA ID Number <u>KYD-005-009-923</u>	_			
Facility Name Calgon Carbon Corporation	2	29,340		
EPA ID Number <u>TXD-055-141-378</u>				
Facility Name Clean Harbors Deer Park, LLC	2		544	
EPA ID Number <u>ARD-069-748-192</u>				
Facility Name Clean Harbors El Dorado, LLC	2	•	733	
EPA ID Number <u>TND-982-109-142</u>				
Facility Name Diversified Scientific Services, Inc. (DSSI)	4	4	-,226	
EPA ID Number <u>UTD-982-598-898</u>				
Facility Name EnergySolutions Clive Facility	18	19	1,108	
EPA ID Number <u>TNR-000-005-397</u>				
Facility Name M&EC/PermaFix	1	19		
EPA ID Number <u>FLD-980-711-071</u>				
Facility Name PermaFix of Florida, Inc.	3	4,747		
Total	32	23	0,717	
List all primary transporters.  List each primary transporter only once. Do not list secondary transporters.	Total Number of Manifested Shipments	Total Pounds Shipped for reporting year	Container Types	
EPA ID Number <u>COR-000-005-389</u>	13	64,129	CF, CM, DF,	
Transporter Name CAST Transportation	.0	01,120	DM, TP	
EPA ID Number <u>MAD-039-322-250</u>	4	1,277	DM	
Transporter Name Clean Harbors Environmental Services, Inc.	·	.,	2	
EPA ID Number <u>TNR-000-034-686</u>	14	73,911	CF, CM, CW,	
Transporter Name Hittman Transport Services, Inc.		7 0,0 1 1	DF, DM, TP	
EPA ID Number <u>KYD-000-735-845</u>	1	91,400	HG	
Transporter Name Paducah and Louisville Railway, Inc.		01,100		
Total	32	230,717	CF, CM, CW, DF, DM, HG, TP	

