



## Department of Energy

Portsmouth/Paducah Project Office  
1017 Majestic Drive, Suite 200  
Lexington, Kentucky 40513  
(859) 219-4000

**JUL 14 2016**

**RECEIVED**

By Darla.Bowen at 2:00 pm, Jul 14, 2016

Ms. Anita Young, Supervisor  
Permit Administration Section  
Division of Waste Management, Solid Waste Branch  
Kentucky Department for Environmental Protection  
200 Fair Oaks Lane, 2<sup>nd</sup> Floor  
Frankfort, Kentucky 40601

PPPO-02-3649008-16A

Dear Ms. Young:

**C-746-S&T AND C-746-U SOLID WASTE LANDFILL SECOND QUARTER  
CALENDAR YEAR 2016 WASTE QUANTITY AND OPERATING REPORT,  
PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY,  
FPDP-RPT-0023/V2**

The U.S. Department of Energy has prepared the second quarter operating report for calendar year 2016 for the C-746-S&T and C-746-U Landfills at the Paducah Gaseous Diffusion Plant. Kentucky Solid Waste Regulation 401 KAR 47:190 § 8(1) and Solid Waste Permit SW07300014, SW07300015, SW07300045 require submittal of quarterly reports from operators of solid waste landfills. The contained landfill (C-746-U) is an active landfill. The residential landfill (C-746-S) has been inactive since July 1995, and the inert landfill (C-746-T) has been inactive since June 1992.

This report contains operating information for second quarter calendar year 2016. Per correspondence dated February 8, 2005, from Ron Gruzesky, Manager, Solid Waste Branch, an additional C-746-U Quarterly Waste Quantity Report form is included as a separate report in this submittal.

The groundwater analysis data, surface water data, and methane monitoring results are submitted as separate reports for the C-746-S&T Landfills and C-746-U Landfill.

If you have any questions or require additional information, please contact April Ladd at (270) 441-6843.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer Woodard".

Jennifer Woodard  
Paducah Site Lead  
Portsmouth/Paducah Project Office

Enclosures:

1. C-746-S&T and C-746-U Solid Waste Landfill Second Quarter CY 2016 Waste Quantity and Operating Report
2. Waste Quantity Report Form

e-copy w/enclosures:

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**C-746-S&T and C-746-U Solid Waste Landfill  
Second Quarter Calendar Year 2016  
Waste Quantity and Operating Report  
Paducah Gaseous Diffusion Plant,  
Paducah, Kentucky**

**FLUOR<sup>®</sup>**

This document is approved for public release per review by:

*R.H. Watson*  
FPDP Classification Support

*7-12-16*  
Date



**FPDP-RPT-0023/V2**

**C-746-S&T and C-746-U Solid Waste Landfill  
Second Quarter Calendar Year 2016  
Waste Quantity and Operating Report  
Paducah Gaseous Diffusion Plant,  
Paducah, Kentucky**

Date Issued—July 2016

U.S. DEPARTMENT OF ENERGY  
Office of Environmental Management

Prepared by  
FLUOR FEDERAL SERVICES, INC.,  
Paducah Deactivation Project  
managing the  
Deactivation Project at the  
Paducah Gaseous Diffusion Plant  
under Task Order DE-DT0007774

**CLEARED FOR PUBLIC RELEASE**

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## **REPORT SUMMARY**

The information contained herein is submitted in accordance with the requirements of Solid Waste Permit Number SW07300045, SW07300014, SW07300015 and 401 KAR 47:190 § 8(1)(a) through (c) and (e), for the second quarter of calendar year 2016 for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky.

In the second quarter of calendar year 2016, 490.69 tons of industrial wastes were disposed of in the C-746-U Contained Landfill. No special waste or spill residue-containing materials were placed in the landfill this quarter. There were 13.11 tons of asbestos-containing materials disposed of as part of the 490.69 total tons of waste dispositioned.

The C-746-S Residential Landfill has been inactive since July 1995, and the C-746-T Inert Landfill has been inactive since June 1992.

Analytical results for surface water, groundwater, and methane monitoring are submitted in separate quarterly Compliance Monitoring Reports for the C-746-U Landfill and C-746-S&T Landfills [401 KAR 47:190 § 8(1)(d)].

### **Leachate Collection and Disposition**

A total of 307,000 gal of leachate from the C-746-U Landfill was treated at the C-746-U15 Leachate Treatment Facility, which discharges to Kentucky Pollutant Discharge Elimination System Outfall 020. There was no leachate transported to off-site treatment facilities for treatment and discharge this quarter.

The tank volume reported on the leachate log is the volume at the time of measurement. Calculation of the next day tank volume by subtraction of disposal volume may not reflect the measured tank volume because additional leachate has entered the system.

A total of 2,600 gal of leachate from the C-746-S Landfill was treated at the C-746-U15 Leachate Treatment Facility this quarter.

### **Construction Activities and Cover Maintenance**

Construction activities at the C-746-U Landfill included expansion of the road leading to the active cell [401 KAR 47:190 § 8(1)(a)]. The landfill was inspected for subsidence in accordance with the cover requirements [401 KAR 48:080 § 9(6)(f)]. No repairs were necessary during the quarter.

There were no construction activities for either the C-746-S or C-746-T Landfills. The landfills were inspected for subsidence in accordance with the cover requirements [401 KAR 48:080 § 9(6)(f)]. No repairs were necessary during the quarter.

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## FACILITY INFORMATION SHEET

Sampling Date: N/A

County: McCracken Permit No.: SW07300014; SW07300015;  
SW07300045

Facility Name: U.S. DOE—Paducah Gaseous Diffusion Plant  
(as officially shown on DWM permit face)

Site Address: 5501 Hobbs Road Kevil, Kentucky 42053  
Street City/State Zip

Phone No.: (270) 441-6800 Latitude: N 37° 07' 45" Longitude: W 88° 47' 55"

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### OWNER INFORMATION

Facility Owner: U.S. DOE—Robert E. Edwards III, Acting Manager Phone No.: (859) 227-5020

Contact Person: Myrna E. Redfield Phone No.: (270) 441-5113

Contact Person Title: Acting Director, Environmental Management, Fluor Federal Services, Inc.

Mailing Address: 5511 Hobbs Road Kevil, Kentucky 42053  
Street City/State Zip

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### SAMPLING PERSONNEL (if other than landfill or laboratory)

Company: N/A

Contact Person: N/A Phone No. N/A

Mailing Address: N/A N/A N/A  
Street City/State Zip

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### LABORATORY RECORD #1

Laboratory: N/A Lab ID No.: N/A

Contact Person: N/A Phone No.: N/A

Mailing Address: N/A N/A N/A  
Street City/State Zip

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### LABORATORY RECORD #2

Laboratory: N/A Lab ID No.: N/A

Contact Person: N/A Phone No.: N/A

Mailing Address: N/A N/A N/A  
Street City/State Zip

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## **QUARTERLY WASTE QUANTITY REPORT**

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Department for Environmental Protection/Division of Waste Management/Solid Waste Branch  
 Quarterly Waste Quantity Report-DEP 7046Q (Revised 2-05)

Page 1 of 1

**WASTE ACTIVITY-CONTAINED LANDFILL**


Facility Name: U.S. Department of Energy Permit Number SW07300045  
 County where landfill is located: McCracken (PGDP) Agency Interest Number: 3059  
 Report for the Months of: April, May, June For the Year of: 2016

Waste Source (County and State)	Type of Waste			**Waste Used as Alternate Daily Cover as Approved (Tons Only)
	*Municipal Solid Waste (Tons Only)	*Industrial Waste (Tons Only)	*Special Waste (Tons Only)	
Paducah Gaseous Diffusion Plant (April)	0.00	17.62	0.00	0.00
Paducah Gaseous Diffusion Plant (May)	0.00	341.21	0.00	0.00
Paducah Gaseous Diffusion Plant (June)	0.00	131.86	0.00	0.00
<b>Total for this page</b>	0.00	490.69	0.00	0.00
<b>Grand Total of all pages</b>	0.00	490.69	0.00	0.00

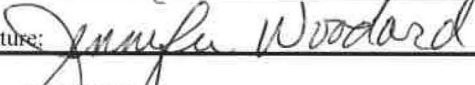
\*Grand Total of Municipal, Industrial, and Special from all pages 490.69

\*Does not include waste used as Alternate Daily Cover.  
 \*\*Indicate the amount used as Alternate Daily Cover. Please note this requires prior approval by the Cabinet.

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 such violations.

Signature:   
 Name - Please Print: Myrna E. Redfield

Phone Number (270) 441-5113  
 Date: 7/19/16

Signature:   
 Name - Please Print: Jennifer Woodard

Phone Number (270) 441-6800  
 Date: 7/14/16

This Certification clause shall be signed by the responsible person(s) described in 401 KAR 7:160, Section 6(1), and/or (2) and is required by 401 KAR 47:160, Section 6(4).

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## **COVER LOG**

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**APRIL, MAY, JUNE 2016**

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# COVER LOG

DEPARTMENT OF ENERGY  
 COUNTY: McCracken

PERMIT NUMBER: 073-00045  
 Month & Year: April 2016

Day of Month	Daily Cell Location	Daily Cover Applied?	Interim Cover	Long Term Cover	Final Cap	Temporary Diversion Ditch Yes/No
1						
2						
3						
4	<b>D-6</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22	<b>D-6</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
23						
24						
25						
26						
27						
28						
29						
30						
31						

# COVER LOG

DEPARTMENT OF ENERGY  
 COUNTY: McCracken

PERMIT NUMBER: 073-00045  
 Month & Year: May 2016

Day of Month	Daily Cell Location	Daily Cover Applied?	Interim Cover	Long Term Cover	Final Cap	Temporary Diversion Ditch Yes/No
1						
2						
3						
4						
5						
6	<b>D-6</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
7						
8						
9						
10						
11						
12						
13						
14						
15						
16	<b>D-6</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
17						
18						
19	<b>D-6</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
20	<b>D-6</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
21						
22						
23	<b>D-6 &amp; D-7</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
24	<b>D-6</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
25						
26						
27						
28						
29						
30						
31						

# COVER LOG

DEPARTMENT OF ENERGY  
 COUNTY: McCracken

PERMIT NUMBER: 073-00045  
 Month & Year: June 2016

Day of Month	Daily Cell Location	Daily Cover Applied?	Interim Cover	Long Term Cover	Final Cap	Temporary Diversion Ditch Yes/No
1						
2						
3						
4						
5						
6						
7						
8	<b>D-6</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
9	<b>D-6</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21	<b>D-6&amp;D-7</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
22	<b>D-7</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
23						
24						
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## **LEACHATE LOG**

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Month April Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
04-01-16	1,2,3,4,5	F-001		30000	6400	L
04-01-16	1,2,3,4,5	F-002		12600	4000	L
04-01-16	1,2,3,4,5	F-007		12800		
04-01-16	1,2,3,4,5	F-008		9000		
04-01-16	1,2,3,4,5	F-009		9800		
04-04-16	1,2,3,4,5	F-001		23600	9600	L
04-04-16	1,2,3,4,5	F-002		21500		
04-04-16	1,2,3,4,5	F-007		12800		
04-04-16	1,2,3,4,5	F-008		9000		
04-04-16	1,2,3,4,5	F-009		9800		
04-05-16	1,2,3,4,5	F-001		14000	9300	L
04-05-16	1,2,3,4,5	F-002		26300		
04-05-16	1,2,3,4,5	F-007		12800		
04-05-16	1,2,3,4,5	F-008		9000		
04-05-16	1,2,3,4,5	F-009		9800		
04-06-16	1,2,3,4,5	F-001		4700	2300	L
04-06-16	1,2,3,4,5	F-002		30700	6500	L
04-06-16	1,2,3,4,5	F-007		12800		
04-06-16	1,2,3,4,5	F-008		9000		
04-06-16	1,2,3,4,5	F-009		9800		
04-07-16	1,2,3,4,5	F-001		8300		
04-07-16	1,2,3,4,5	F-002		24200	8300	L
04-07-16	1,2,3,4,5	F-007		12800		
04-07-16	1,2,3,4,5	F-008		9000		
04-07-16	1,2,3,4,5	F-009		9800		
04-08-16	1,2,3,4,5	F-001		12000		
04-08-16	1,2,3,4,5	F-002		15900	9200	L

Month April Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
04-08-16	1,2,3,4,5	F-007		12800		
04-08-16	1,2,3,4,5	F-008		9000		
04-08-16	1,2,3,4,5	F-009		9800		
04-11-16	1,2,3,4,5	F-001		21500		
04-11-16	1,2,3,4,5	F-002		6700	6200	L
04-11-16	1,2,3,4,5	F-007		12800		
04-11-16	1,2,3,4,5	F-008		9000	2400	L
04-11-16	1,2,3,4,5	F-009		9800		
04-12-16	1,2,3,4,5	F-001		24800		
04-12-16	1,2,3,4,5	F-002		500		
04-12-16	1,2,3,4,5	F-007		12800		
04-12-16	1,2,3,4,5	F-008		6600	5100	L
04-12-16	1,2,3,4,5	F-009		9800	2400	L
04-13-16	1,2,3,4,5	F-001		25000		
04-13-16	1,2,3,4,5	F-002		3900		
04-13-16	1,2,3,4,5	F-007		12800		
04-13-16	1,2,3,4,5	F-008		1500		
04-13-16	1,2,3,4,5	F-009		7400	5900	L
04-14-16	1,2,3,4,5	F-001		25000		
04-14-16	1,2,3,4,5	F-002		6000		
04-14-16	1,2,3,4,5	F-007		12800	6100	L
04-14-16	1,2,3,4,5	F-008		1500		
04-14-16	1,2,3,4,5	F-009		1500		
04-15-16	1,2,3,4,5	F-001		25000		
04-15-16	1,2,3,4,5	F-002		8700		
04-15-16	1,2,3,4,5	F-007		6700	5200	L
04-15-16	1,2,3,4,5	F-008		1500		

Month April Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
04-15-16	1,2,3,4,5	F-009		1500		
04-18-16	1,2,3,4,5	F-001		25000		
04-18-16	1,2,3,4,5	F-002		16200	5700	L
04-18-16	1,2,3,4,5	F-007		1500		
04-18-16	1,2,3,4,5	F-008		1500		
04-18-16	1,2,3,4,5	F-009		1500		
04-19-16	1,2,3,4,5	F-001		25000		
04-19-16	1,2,3,4,5	F-002		10500	7800	L
04-19-16	1,2,3,4,5	F-007		1500		
04-19-16	1,2,3,4,5	F-008		1500		
04-19-16	1,2,3,4,5	F-009		2900		
04-20-16	1,2,3,4,5	F-001		25000		
04-20-16	1,2,3,4,5	F-002		2700	2200	L
04-20-16	1,2,3,4,5	F-007		1500		
04-20-16	1,2,3,4,5	F-008		1500		
04-20-16	1,2,3,4,5	F-009		4500	4000	L
04-21-16	1,2,3,4,5	F-001		25000		
04-21-16	1,2,3,4,5	F-002		2800	2300	L
04-21-16	1,2,3,4,5	F-007		1500		
04-21-16	1,2,3,4,5	F-008		1500		
04-21-16	1,2,3,4,5	F-009		500	700	L
04-22-16	1,2,3,4,5	F-001		25000		
04-22-16	1,2,3,4,5	F-002		2700	2200	L
04-22-16	1,2,3,4,5	F-007		1500		
04-22-16	1,2,3,4,5	F-008		1500		
04-22-16	1,2,3,4,5	F-009		500		
04-25-16	1,2,3,4,5	F-001		25000		

On 4/21/16, additional leachate was collected in Tank F-009 after the initial measurement of 500 gal and before leachate discharge.

Month April Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
04-25-16	1,2,3,4,5	F-002		6500	6000	L
04-25-16	1,2,3,4,5	F-007		1500		
04-25-16	1,2,3,4,5	F-008		1500		
04-25-16	1,2,3,4,5	F-009		500		
04-26-16	1,2,3,4,5	F-001		25000	5600	L
04-26-16	1,2,3,4,5	F-002		500		
04-26-16	1,2,3,4,5	F-007		1500		
04-26-16	1,2,3,4,5	F-008		1500		
04-26-16	1,2,3,4,5	F-009		1200		
04-27-16	1,2,3,4,5	F-001		19400	4900	L
04-27-16	1,2,3,4,5	F-002		1800	1300	L
04-27-16	1,2,3,4,5	F-007		1500		
04-27-16	1,2,3,4,5	F-008		1500		
04-27-16	1,2,3,4,5	F-009		2100		
04-28-16	1,2,3,4,5	F-001		14500	1500	L
04-28-16	1,2,3,4,5	F-002		6000	5500	L
04-28-16	1,2,3,4,5	F-007		1500		
04-28-16	1,2,3,4,5	F-008		1500		
04-28-16	1,2,3,4,5	F-009		2900		
04-29-16	1,2,3,4,5	F-001		13000	7000	L
04-29-16	1,2,3,4,5	F-002		500		
04-29-16	1,2,3,4,5	F-007		1500		
04-29-16	1,2,3,4,5	F-008		1500		
04-29-16	1,2,3,4,5	F-009		5500		

*Jimmy Smith 4-29-16*

Month May Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
05-02-16	1,2,3,4,5	F-001		6000	2800	L
05-02-16	1,2,3,4,5	F-002		12500	3500	L
05-02-16	1,2,3,4,5	F-007		1500		
05-02-16	1,2,3,4,5	F-008		1500		
05-02-16	1,2,3,4,5	F-009		6300		
05-03-16	1,2,3,4,5	F-001		3200		
05-03-16	1,2,3,4,5	F-002		9000	8500	L
05-03-16	1,2,3,4,5	F-007		1500		
05-03-16	1,2,3,4,5	F-008		1500		
05-03-16	1,2,3,4,5	F-009		8900		
05-04-16	1,2,3,4,5	F-001		3200		
05-04-16	1,2,3,4,5	F-002		3700		
05-04-16	1,2,3,4,5	F-007		1500		
05-04-16	1,2,3,4,5	F-008		1500		
05-04-16	1,2,3,4,5	F-009		9800	5700	L
05-05-16	1,2,3,4,5	F-001		3200		
05-05-16	1,2,3,4,5	F-002		5600	2200	L
05-05-16	1,2,3,4,5	F-007		1500		
05-05-16	1,2,3,4,5	F-008		1500		
05-05-16	1,2,3,4,5	F-009		4100	3600	L
05-06-16	1,2,3,4,5	F-001		3200	2700	L
05-06-16	1,2,3,4,5	F-002		3400	2900	L
05-06-16	1,2,3,4,5	F-007		1500		
05-06-16	1,2,3,4,5	F-008		1500		
05-06-16	1,2,3,4,5	F-009		2500		
05-09-16	1,2,3,4,5	F-001		500		
05-09-16	1,2,3,4,5	F-002		7100	800	L

Month May Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
05-09-16	1,2,3,4,5	F-007		1500		
05-09-16	1,2,3,4,5	F-008		1500		
05-09-16	1,2,3,4,5	F-009		2900	2400	L
05-10-16	1,2,3,4,5	F-001		500		
05-10-16	1,2,3,4,5	F-002		6300	5800	L
05-10-16	1,2,3,4,5	F-007		1500		
05-10-16	1,2,3,4,5	F-008		1500		
05-10-16	1,2,3,4,5	F-009		1900	1400	L
05-11-16	1,2,3,4,5	F-001		4700	4200	L
05-11-16	1,2,3,4,5	F-002		500		
05-11-16	1,2,3,4,5	F-007		1500		
05-11-16	1,2,3,4,5	F-008		1500		
05-11-16	1,2,3,4,5	F-009		500		
05-12-16	1,2,3,4,5	F-001		500		
05-12-16	1,2,3,4,5	F-002		4200	3700	L
05-12-16	1,2,3,4,5	F-007		1500		
05-12-16	1,2,3,4,5	F-008		1500		
05-12-16	1,2,3,4,5	F-009		500		
05-13-16	1,2,3,4,5	F-001		500		
05-13-16	1,2,3,4,5	F-002		9100	4500	L
05-13-16	1,2,3,4,5	F-007		1500		
05-13-16	1,2,3,4,5	F-008		1500		
05-13-16	1,2,3,4,5	F-009		2200	1700	L
05-16-16	1,2,3,4,5	F-001		500		
05-16-16	1,2,3,4,5	F-002		17600	4000	L
05-16-16	1,2,3,4,5	F-007		1500		
05-16-16	1,2,3,4,5	F-008		1500		



Month May Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
05-16-16	1,2,3,4,5	F-009		1700	1200	L
05-17-16	1,2,3,4,5	F-001		500		
05-17-16	1,2,3,4,5	F-002		16800	5400	L
05-17-16	1,2,3,4,5	F-007		1500		
05-17-16	1,2,3,4,5	F-008		1500		
05-17-16	1,2,3,4,5	F-009		1300	800	L
05-18-16	1,2,3,4,5	F-001		500		
05-18-16	1,2,3,4,5	F-002		13200	5500	L
05-18-16	1,2,3,4,5	F-007		1500		
05-18-16	1,2,3,4,5	F-008		1500		
05-18-16	1,2,3,4,5	F-009		1300	800	L
05-19-16	1,2,3,4,5	F-001		500		
05-19-16	1,2,3,4,5	F-002		11600	6700	L
05-19-16	1,2,3,4,5	F-007		1500		
05-19-16	1,2,3,4,5	F-008		1500		
05-19-16	1,2,3,4,5	F-009		800		
05-20-16	1,2,3,4,5	F-001		500		
05-20-16	1,2,3,4,5	F-002		6600	6100	L
05-20-16	1,2,3,4,5	F-007		1500		
05-20-16	1,2,3,4,5	F-008		1500		
05-20-16	1,2,3,4,5	F-009		1600		
05-23-16	1,2,3,4,5	F-001		500		
05-23-16	1,2,3,4,5	F-002		7600	7100	L
05-23-16	1,2,3,4,5	F-007		1500		
05-23-16	1,2,3,4,5	F-008		1500		
05-23-16	1,2,3,4,5	F-009		2600	2100	L
05-24-16	1,2,3,4,5	F-001		500		

Month May Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
05-24-16	1,2,3,4,5	F-002		500		
05-24-16	1,2,3,4,5	F-007		1500		
05-24-16	1,2,3,4,5	F-008		1500		
05-24-16	1,2,3,4,5	F-009		2900		
05-25-16	1,2,3,4,5	F-001		500		
05-25-16	1,2,3,4,5	F-002		500		
05-25-16	1,2,3,4,5	F-007		1500		
05-25-16	1,2,3,4,5	F-008		1500		
05-25-16	1,2,3,4,5	F-009		4700	4200	L
05-26-16	1,2,3,4,5	F-001		500		
05-26-16	1,2,3,4,5	F-002		2500	2000	L
05-26-16	1,2,3,4,5	F-007		1500		
05-26-16	1,2,3,4,5	F-008		1500		
05-26-16	1,2,3,4,5	F-009		500		
05-31-16	1,2,3,4,5	F-001		500		
05-31-16	1,2,3,4,5	F-002		17300	7100	L
05-31-16	1,2,3,4,5	F-007		1500		
05-31-16	1,2,3,4,5	F-008		1500		
05-31-16	1,2,3,4,5	F-009		500		

*Jimmy Smith 5-31-16*

\* R – Re-circulated to Working Phase  
 W – Transported to Wastewater Treatment Facility  
 L – Disposed at on-site Leachate Treatment Facility

Month JuneYear 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
06-01-16	1,2,3,4,5	F-001		500		
06-01-16	1,2,3,4,5	F-002		10200	9700	L
06-01-16	1,2,3,4,5	F-007		1500		
06-01-16	1,2,3,4,5	F-008		1500		
06-01-16	1,2,3,4,5	F-009		4000		
06-02-16	1,2,3,4,5	F-001		500		
06-02-16	1,2,3,4,5	F-002		500		
06-02-16	1,2,3,4,5	F-007		1500		
06-02-16	1,2,3,4,5	F-008		1500		
06-02-16	1,2,3,4,5	F-009		5700	5200	L
06-06-16	1,2,3,4,5	F-001		500		
06-06-16	1,2,3,4,5	F-002		9400	6200	L
06-06-16	1,2,3,4,5	F-007		1500		
06-06-16	1,2,3,4,5	F-008		1500		
06-06-16	1,2,3,4,5	F-009		500		
06-07-16	1,2,3,4,5	F-001		500		
06-07-16	1,2,3,4,5	F-002		3200	2700	L
06-07-16	1,2,3,4,5	F-007		1500		
06-07-16	1,2,3,4,5	F-008		1500		
06-07-16	1,2,3,4,5	F-009		1500		
06-08-16	1,2,3,4,5	F-001		500		
06-08-16	1,2,3,4,5	F-002		500		
06-08-16	1,2,3,4,5	F-007		1500		
06-08-16	1,2,3,4,5	F-008		1500		
06-08-16	1,2,3,4,5	F-009		2900		
06-09-16	1,2,3,4,5	F-001		500		
06-09-16	1,2,3,4,5	F-002		500		

Month June Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
06-09-16	1,2,3,4,5	F-007		1500		
06-09-16	1,2,3,4,5	F-008		1500		
06-09-16	1,2,3,4,5	F-009		3800	3300	L
06-13-16	1,2,3,4,5	F-001		500		
06-13-16	1,2,3,4,5	F-002		7300	3500	L
06-13-16	1,2,3,4,5	F-007		1500		
06-13-16	1,2,3,4,5	F-008		1500		
06-13-16	1,2,3,4,5	F-009		500		
06-14-16	1,2,3,4,5	F-001		500		
06-14-16	1,2,3,4,5	F-002		3800	3300	L
06-14-16	1,2,3,4,5	F-007		1500		
06-14-16	1,2,3,4,5	F-008		1500		
06-14-16	1,2,3,4,5	F-009		1300		
06-15-16	1,2,3,4,5	F-001		500		
06-15-16	1,2,3,4,5	F-002		500		
06-15-16	1,2,3,4,5	F-007		1500		
06-15-16	1,2,3,4,5	F-008		1500		
06-15-16	1,2,3,4,5	F-009		3000	2500	L
06-16-16	1,2,3,4,5	F-001		500		
06-16-16	1,2,3,4,5	F-002		2500		
06-16-16	1,2,3,4,5	F-007		1500		
06-16-16	1,2,3,4,5	F-008		1500		
06-16-16	1,2,3,4,5	F-009		500		
06-20-16	1,2,3,4,5	F-001		500		
06-20-16	1,2,3,4,5	F-002		6300	5800	L
06-20-16	1,2,3,4,5	F-007		1500		
06-20-16	1,2,3,4,5	F-008		1500		

Month June Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
06-20-16	1,2,3,4,5	F-009		500		
06-21-16	1,2,3,4,5	F-001		500		
06-21-16	1,2,3,4,5	F-002		500		
06-21-16	1,2,3,4,5	F-007		1500		
06-21-16	1,2,3,4,5	F-008		1500		
06-21-16	1,2,3,4,5	F-009		2100		
06-22-16	1,2,3,4,5	F-001		500		
06-22-16	1,2,3,4,5	F-002		500		
06-22-16	1,2,3,4,5	F-007		1500		
06-22-16	1,2,3,4,5	F-008		1500		
06-22-16	1,2,3,4,5	F-009		3400	2100	L
06-23-16	1,2,3,4,5	F-001		500		
06-23-16	1,2,3,4,5	F-002		500		
06-23-16	1,2,3,4,5	F-007		1500		
06-23-16	1,2,3,4,5	F-008		1500		
06-23-16	1,2,3,4,5	F-009		2100		
06-27-16	1,2,3,4,5	F-001		500		
06-27-16	1,2,3,4,5	F-002		4700		
06-27-16	1,2,3,4,5	F-007		1500		
06-27-16	1,2,3,4,5	F-008		1500		
06-27-16	1,2,3,4,5	F-009		2500	1900	L
06-28-16	1,2,3,4,5	F-001		500		
06-28-16	1,2,3,4,5	F-002		4700	4200	L
06-28-16	1,2,3,4,5	F-007		1500		
06-28-16	1,2,3,4,5	F-008		1500		
06-28-16	1,2,3,4,5	F-009		1200		
06-29-16	1,2,3,4,5	F-001		500		

Month June

Year 2016

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
06-29-16	1,2,3,4,5	F-002		500		
06-29-16	1,2,3,4,5	F-007		1500		
06-29-16	1,2,3,4,5	F-008		1500		
06-29-16	1,2,3,4,5	F-009		2100	1600	L
<i>James Smith 6-29-16</i>						
<i>James Smith 6-29-16</i>						
<i>James Smith 6-29-16</i>						
<i>James Smith 6-29-16</i>						
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<i>James Smith 6-29-16</i>						
<i>James Smith 6-29-16</i>						
<i>James Smith 6-29-16</i>						

\* R – Re-circulated to Working Phase  
W – Transported to Wastewater Treatment Facility  
L – Disposed at on-site Leachate Treatment Facility

Department for Environmental Protection/Division of Waste Management/Solid Waste Branch  
 Quarterly Waste Quantity Report-DEP 7046Q (Revised 2-05)

Page 1 of 1

**WASTE ACTIVITY-CONTAINED LANDFILL**

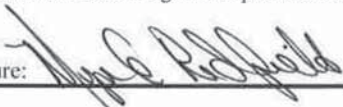
Facility Name: U.S. Department of Energy Permit Number: SW07300045  
 County where landfill is located: McCracken (PGDP) Agency Interest Number: 3059  
 Report for the Months of: April, May, June For the Year of: 2016

Waste Source (County and State)	Type of Waste			**Waste Used as Alternate Daily Cover as Approved (Tons Only)
	*Municipal Solid Waste (Tons Only)	*Industrial Waste (Tons Only)	*Special Waste (Tons Only)	
Paducah Gaseous Diffusion Plant (April)	0.00	17.62	0.00	0.00
Paducah Gaseous Diffusion Plant (May)	0.00	341.21	0.00	0.00
Paducah Gaseous Diffusion Plant (June)	0.00	131.86	0.00	0.00
<b>Total for this page</b>	0.00	490.69	0.00	0.00
<b>Grand Total of all pages</b>	0.00	490.69	0.00	0.00

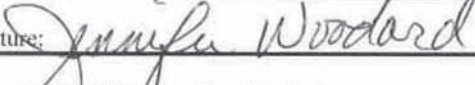
\*Grand Total of Municipal, Industrial, and Special from all pages 490.69

\*Does not include waste used as Alternate Daily Cover.  
 \*\*Indicate the amount used as Alternate Daily Cover. Please note this requires prior approval by the Cabinet.

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 such violations.

Signature:   
 Name - Please Print: Myrna E. Redfield

Phone Number (270) 441-5113  
 Date: 7/19/16

Signature:   
 Name - Please Print: Jennifer Woodard

Phone Number (270) 441-6800  
 Date: 7/14/16

This Certification clause shall be signed by the responsible person(s) described in 401 KAR 7:160, Section 6(1), and/or (2) and is required by 401 KAR 47:160, Section 6(4).

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