



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

July 14, 2020

Ms. Jamie Nielsen, Supervisor  
Permit Administration Section  
Division of Waste Management, Solid Waste Branch  
Kentucky Department for Environmental Protection  
300 Sower Boulevard, 2nd Floor  
Frankfort, Kentucky 40601

PPPO-02-10006528-20B

Dear Ms. Nielsen:

**C-746-S&T AND C-746-U SOLID WASTE LANDFILLS SECOND QUARTER  
CALENDAR YEAR 2020 WASTE OPERATING REPORT, PADUCAH GASEOUS  
DIFFUSION PLANT, PADUCAH, KENTUCKY, FRNP-RPT-0134/V2, SOLID WASTE  
PERMIT NO. SW07300014, SW07300015, SW07300045, AGENCY INTEREST NO. 3059**

The U.S. Department of Energy has prepared the second quarter operating report for calendar year 2020 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 No. SW07300014, SW07300015, SW07300045, Permit Condition ACTV0006, Special Condition 10, require submittal of quarterly reports from operators of solid waste landfills.

The groundwater 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 David Dollins at (270) 441-6819.

Sincerely,

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

Jennifer Woodard  
Paducah Site Lead  
Portsmouth/Paducah Project Office

Enclosures:

1. Certification Page
2. C-746-S&T and C-746-U Solid Waste Landfill 2nd Qtr. CY20 Waste Operating Report, FRNP-RPT-0134/V2

cc w/enclosures:

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**CERTIFICATION**

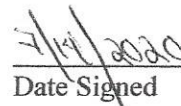
**Document Identification:** *C-746-S&T and C-746-U Solid Waste Landfills Second Quarter Calendar Year 2020 Waste Operating Report, Paducah Gaseous Diffusion Plant, Paducah, Kentucky, FRNP-RPT-0134/V2, Solid Waste Permit SW07300014, SW07300015, SW07300045, Agency Interest No. 3059, July 2020*

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.

Four Rivers Nuclear Partnership, LLC  
Permittee (Operator)




Myrna E. Redfield, Program Manager  
Four Rivers Nuclear Partnership, LLC




Date Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons 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.

U.S. Department of Energy



Jennifer Woodard, Paducah Site Lead  
Portsmouth/Paducah Project Office  
U.S. Department of Energy

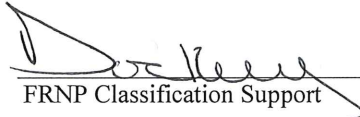


Date Signed

**C-746-S&T and C-746-U Solid Waste Landfills  
Second Quarter Calendar Year 2020  
Waste Operating Report  
Paducah Gaseous Diffusion Plant,  
Paducah, Kentucky**



This document is approved for public release per review by:

  
FRNP Classification Support

7/09/2020  
Date



**C-746-S&T and C-746-U Solid Waste Landfills  
Second Quarter Calendar Year 2020  
Waste Operating Report  
Paducah Gaseous Diffusion Plant,  
Paducah, Kentucky**

Date Issued—July 2020

U.S. DEPARTMENT OF ENERGY  
Office of Environmental Management

Prepared by  
FOUR RIVERS NUCLEAR PARTNERSHIP, LLC,  
managing the  
Deactivation and Remediation Project at the  
Paducah Gaseous Diffusion Plant  
under Contract DE-EM0004895

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## REPORT SUMMARY

The information contained herein is submitted in accordance with the requirements of Solid Waste Permit Number SW07300014, SW07300015, SW07300045, and 401 *KAR* 47:190 § 8(1)(a) through (c) and (e), for the second quarter of calendar year 2020 for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky.

In the second quarter of calendar year 2020, no waste disposal activities were conducted. As directed by the Cabinet the Waste Quantity Report, DEP-7046-Q is submitted as a separate report.

Analytical results for surface water monitoring, groundwater monitoring, 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)].

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.

### **Leachate Collection and Disposition**

The leachate is stored in five permitted holding tanks (F-001, F-002, F-007, F-008, and F-009) with a total capacity of 104,200 gal. Tank F-004 is a 2,500-gal surge tank for the leachate treatment system. Tanks F-005 and F-006 were removed in 2014. 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 had entered the system. A total of 131,400 gal of leachate from the C-746-U Landfill was treated at the C-746-U15 Leachate Treatment Facility this quarter. No leachate from the C-746-S Landfill was treated at the C-746-U15 Leachate Treatment Facility this quarter. There was no leachate transported to the other treatment facilities.

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

There were no construction activities associated with the C-746-S&T Landfills [401 *KAR* 47:190 § 8(1)(a)]. The C-746-S&T 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.

There were no construction activities associated with the C-746-U Landfill [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.

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## FACILITY INFORMATION SHEET

Sampling Date: N/A

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

Facility Name: U.S. Department of Energy—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, Manager Phone No.: (859) 227-5020

Contact Person: James Miller Phone No.: (270) 441-5068  
Director, Technical Services,

Contact Person Title: Four Rivers Nuclear Partnership, LLC

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: GEO Consultants, LLC

Contact Person: Jason Boulton Phone No.: (270) 441-6756

Mailing Address: 325 Kentucky Avenue Kevil, Kentucky 42053  
Street City/State Zip

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### LABORATORY RECORD #1

Laboratory: GEL Laboratories, LLC Lab ID No.: KY90129

Contact Person: Valerie Davis Phone No.: (843) 769-7391

Mailing Address: P.O. Box 30712 Charleston, South Carolina 29417  
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  
Street City/State Zip

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## **COVER LOG**

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# CP3-WM-0017-F02 - COVER LOG

DEPARTMENT OF ENERGY  
 COUNTY: McCracken

PERMIT NUMBER: 073-00045

Month & Year: April 2020

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						
9						
10						
11						
12						
13						
14						
15						
16						
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23						
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26						
27						
28						
29						
30						
31						

There were no waste disposal activities during the month of April 2020



# CP3-WM-0017-F02 - COVER LOG

DEPARTMENT OF ENERGY  
 COUNTY: McCracken

PERMIT NUMBER: 073-00045  
 Month & Year: May 2020

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						
9						
10						
11						
12						
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31						

There were no waste disposal activities during the month of May 2020

**CP3-WM-0017-F02 - COVER LOG**

DEPARTMENT OF ENERGY

PERMIT NUMBER: 073-00045

COUNTY: McCracken

Month & Year: June 2020

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						
9						
10						
11						
12						
13						
14						
15						
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There were no waste disposal activities during the month of June 2020

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## **LEACHATE LOG**

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**CP3-WM-0018-F01 - PGDP SOLID WASTE LANDFILL – LEACHATE LOG**

Permit No. 073-00045

McCracken County, Kentucky

Month April Year 2020

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
4-01-20	1,2,3,4,5	F-001		5500		
4-01-20	1,2,3,4,5	F-002		7000		
4-01-20	1,2,3,4,5	F-007		1200		
4-01-20	1,2,3,4,5	F-008		1200		
4-01-20	1,2,3,4,5	F-009		600		
4-02-20	1,2,3,4,5	F-001		5500		
4-02-20	1,2,3,4,5	F-002		8600		
4-02-20	1,2,3,4,5	F-007		1200		
4-02-20	1,2,3,4,5	F-008		1200		
4-06-20	1,2,3,4,5	F-009		600		
4-06-20	1,2,3,4,5	F-001		5500		
4-06-20	1,2,3,4,5	F-002		14500		
4-06-20	1,2,3,4,5	F-007		1200		
4-06-20	1,2,3,4,5	F-008		1200		
4-06-20	1,2,3,4,5	F-009		600		
4-07-20	1,2,3,4,5	F-001		5500		
4-07-20	1,2,3,4,5	F-002		16500		
4-07-20	1,2,3,4,5	F-007		1200		
4-07-20	1,2,3,4,5	F-008		1200		
4-07-20	1,2,3,4,5	F-009		600		
4-08-20	1,2,3,4,5	F-001		5500		
4-08-20	1,2,3,4,5	F-002		18200		
4-08-20	1,2,3,4,5	F-007		1200		
4-08-20	1,2,3,4,5	F-008		1200		
4-08-20	1,2,3,4,5	F-009		600		
4-13-20	1,2,3,4,5	F-001		5500		
4-13-20	1,2,3,4,5	F-002		28300		

No measurements were taken on 4/09/20 due to a company holiday

**CP3-WM-0018-F01 - PGDP SOLID WASTE LANDFILL – LEACHATE LOG**

Permit No. 073-00045

McCracken County, Kentucky

Month April Year 2020

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
4-13-20	1,2,3,4,5	F-007		1200		
4-13-20	1,2,3,4,5	F-008		1200		
4-13-20	1,2,3,4,5	F-009		600		
4-14-20	1,2,3,4,5	F-001		5500		
4-14-20	1,2,3,4,5	F-002		29600		
4-14-20	1,2,3,4,5	F-007		1200		
4-14-20	1,2,3,4,5	F-008		1200		
4-14-20	1,2,3,4,5	F-009		600		
4-15-20	1,2,3,4,5	F-001		6000		
4-15-20	1,2,3,4,5	F-002		30000		
4-15-20	1,2,3,4,5	F-007		1200		
4-15-20	1,2,3,4,5	F-008		1200		
4-15-20	1,2,3,4,5	F-009		600		
4-16-20	1,2,3,4,5	F-001		7300		
4-16-20	1,2,3,4,5	F-002		30000		
4-16-20	1,2,3,4,5	F-007		1200		
4-16-20	1,2,3,4,5	F-008		1200		
4-16-20	1,2,3,4,5	F-009		600		
4-20-20	1,2,3,4,5	F-001		12500		
4-20-20	1,2,3,4,5	F-002		30000		
4-20-20	1,2,3,4,5	F-007		1200		
4-20-20	1,2,3,4,5	F-008		1200		
4-20-20	1,2,3,4,5	F-009		600		
4-21-20	1,2,3,4,5	F-001		14500		
4-21-20	1,2,3,4,5	F-002		30000		
4-21-20	1,2,3,4,5	F-007		1200		
4-21-20	1,2,3,4,5	F-008		1200		

**CP3-WM-0018-F01 - PGDP SOLID WASTE LANDFILL – LEACHATE LOG**

Permit No. 073-00045

McCracken County, Kentucky

Month April Year 2020

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
4-21-20	1,2,3,4,5	F-009		600		
4-22-20	1,2,3,4,5	F-001		17000		
4-22-20	1,2,3,4,5	F-002		30000		
4-22-20	1,2,3,4,5	F-007		1200		
4-22-20	1,2,3,4,5	F-008		1200		
4-22-20	1,2,3,4,5	F-009		600		
4-23-20	1,2,3,4,5	F-001		19300		
4-23-20	1,2,3,4,5	F-002		30000		
4-23-20	1,2,3,4,5	F-007		1200		
4-23-20	1,2,3,4,5	F-008		1200		
4-23-20	1,2,3,4,5	F-009		600		
4-27-20	1,2,3,4,5	F-001		25400		
4-27-20	1,2,3,4,5	F-002		30000		
4-27-20	1,2,3,4,5	F-007		1200		
4-27-20	1,2,3,4,5	F-008		1200		
4-27-20	1,2,3,4,5	F-009		600		
4-28-20	1,2,3,4,5	F-001		27500		
4-28-20	1,2,3,4,5	F-002		30000		
4-28-20	1,2,3,4,5	F-007		1200		
4-28-20	1,2,3,4,5	F-008		1200		
4-28-20	1,2,3,4,5	F-009		600		
4-29-20	1,2,3,4,5	F-001		29500		
4-29-20	1,2,3,4,5	F-002		30000		
4-29-20	1,2,3,4,5	F-007		1200		
4-29-20	1,2,3,4,5	F-008		1200		
4-29-20	1,2,3,4,5	F-009		600		
4-30-20	1,2,3,4,5	F-001		30300		





**CP3-WM-0018-F01 - PGDP SOLID WASTE LANDFILL – LEACHATE LOG**

Permit No. 073-00045

McCracken County, Kentucky

Month   May   Year  2020 

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
5-04-20	1,2,3,4,5	F-001		30300		
5-04-20	1,2,3,4,5	F-002		31100	10700	L
5-04-20	1,2,3,4,5	F-007		1200		
5-04-20	1,2,3,4,5	F-008		1200		
5-04-20	1,2,3,4,5	F-009		5000		
5-05-20	1,2,3,4,5	F-001		30300		
5-05-20	1,2,3,4,5	F-002		20400	10400	L
5-05-20	1,2,3,4,5	F-007		1200		
5-05-20	1,2,3,4,5	F-008		1200		
5-05-20	1,2,3,4,5	F-009		6600		
5-06-20	1,2,3,4,5	F-001		30300		
5-06-20	1,2,3,4,5	F-002		10000	8800	L
5-06-20	1,2,3,4,5	F-007		1200		
5-06-20	1,2,3,4,5	F-008		1200		
5-06-20	1,2,3,4,5	F-009		8700		
5-07-20	1,2,3,4,5	F-001		30300		
5-07-20	1,2,3,4,5	F-002		2400		
5-07-20	1,2,3,4,5	F-007		1200		
5-07-20	1,2,3,4,5	F-008		1200		
5-07-20	1,2,3,4,5	F-009		8700		
5-11-20	1,2,3,4,5	F-001		30300	9600	L
5-11-20	1,2,3,4,5	F-002		9400		
5-11-20	1,2,3,4,5	F-007		1200		
5-11-20	1,2,3,4,5	F-008		1200		
5-11-20	1,2,3,4,5	F-009		8700		
5-12-20	1,2,3,4,5	F-001		20700	9100	L
5-12-20	1,2,3,4,5	F-002		10500		

**CP3-WM-0018-F01 - PGDP SOLID WASTE LANDFILL – LEACHATE LOG**

Permit No. 073-00045

McCracken County, Kentucky

Month May Year 2020

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
5-12-20	1,2,3,4,5	F-007		1200		
5-12-20	1,2,3,4,5	F-008		1200		
5-12-20	1,2,3,4,5	F-009		8700		
5-13-20	1,2,3,4,5	F-001		11600	10400	L
5-13-20	1,2,3,4,5	F-002		11600		
5-13-20	1,2,3,4,5	F-007		1200		
5-13-20	1,2,3,4,5	F-008		1200		
5-13-20	1,2,3,4,5	F-009		8700		
5-14-20	1,2,3,4,5	F-001		1200		
5-14-20	1,2,3,4,5	F-002		12800		
5-14-20	1,2,3,4,5	F-007		1200		
5-14-20	1,2,3,4,5	F-008		1200		
5-14-20	1,2,3,4,5	F-009		8700		
5-18-20	1,2,3,4,5	F-001		1200		
5-18-20	1,2,3,4,5	F-002		18800		
5-18-20	1,2,3,4,5	F-007		1200		
5-18-20	1,2,3,4,5	F-008		1200		
5-18-20	1,2,3,4,5	F-009		8700	8100	L
5-19-20	1,2,3,4,5	F-001		1200		
5-19-20	1,2,3,4,5	F-002		20400	3100	L
5-19-20	1,2,3,4,5	F-007		1200		
5-19-20	1,2,3,4,5	F-008		1200		
5-19-20	1,2,3,4,5	F-009		600		
5-20-20	1,2,3,4,5	F-001		3700		
5-20-20	1,2,3,4,5	F-002		17300	5400	L
5-20-20	1,2,3,4,5	F-007		1200		
5-20-20	1,2,3,4,5	F-008		1200		

**CP3-WM-0018-F01 - PGDP SOLID WASTE LANDFILL – LEACHATE LOG**

Permit No. 073-00045

McCracken County, Kentucky

Month May Year 2020

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
5-20-20	1,2,3,4,5	F-009		600		
5-21-20	1,2,3,4,5	F-001		5800		
5-21-20	1,2,3,4,5	F-002		11900	6100	L
5-21-20	1,2,3,4,5	F-007		1200		
5-21-20	1,2,3,4,5	F-008		1200		
5-21-20	1,2,3,4,5	F-009		600		
5-26-20	1,2,3,4,5	F-001		11300		
5-26-20	1,2,3,4,5	F-002		5800	4400	L
5-26-20	1,2,3,4,5	F-007		1200		
5-26-20	1,2,3,4,5	F-008		1200		
5-26-20	1,2,3,4,5	F-009		600		
5-27-20	1,2,3,4,5	F-001		11900		
5-27-20	1,2,3,4,5	F-002		1400		
5-27-20	1,2,3,4,5	F-007		1200		
5-27-20	1,2,3,4,5	F-008		1200		
5-27-20	1,2,3,4,5	F-009		600		
5-28-20	1,2,3,4,5	F-001		13600		
5-28-20	1,2,3,4,5	F-002		1400		
5-28-20	1,2,3,4,5	F-007		1200		
5-28-20	1,2,3,4,5	F-008		1200		
5-28-20	1,2,3,4,5	F-009		600		

*Tommy Smith 7-09-20*

No measurements were taken on 5/25/20 due to a company holiday

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

**CP3-WM-0018-F01 - PGDP SOLID WASTE LANDFILL – LEACHATE LOG**

Permit No. 073-00045

McCracken County, Kentucky

Month June Year 2020

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
6-01-20	1,2,3,4,5	F-001		19000	2800	L
6-01-20	1,2,3,4,5	F-002		1400		
6-01-20	1,2,3,4,5	F-007		1200		
6-01-20	1,2,3,4,5	F-008		1200		
6-01-20	1,2,3,4,5	F-009		600		
6-02-20	1,2,3,4,5	F-001		16200		
6-02-20	1,2,3,4,5	F-002		2400		
6-02-20	1,2,3,4,5	F-007		1200		
6-02-20	1,2,3,4,5	F-008		1200		
6-02-20	1,2,3,4,5	F-009		600		
6-03-20	1,2,3,4,5	F-001		16200		
6-03-20	1,2,3,4,5	F-002		3900		
6-03-20	1,2,3,4,5	F-007		1200		
6-03-20	1,2,3,4,5	F-008		1200		
6-03-20	1,2,3,4,5	F-009		600		
6-04-20	1,2,3,4,5	F-001		16200		
6-04-20	1,2,3,4,5	F-002		5300		
6-04-20	1,2,3,4,5	F-007		1200		
6-04-20	1,2,3,4,5	F-008		1200		
6-04-20	1,2,3,4,5	F-009		600		
6-08-20	1,2,3,4,5	F-001		16200	4300	L
6-08-20	1,2,3,4,5	F-002		11000		
6-08-20	1,2,3,4,5	F-007		1200		
6-08-20	1,2,3,4,5	F-008		1200		
6-08-20	1,2,3,4,5	F-009		600		
6-09-20	1,2,3,4,5	F-001		11900		
6-09-20	1,2,3,4,5	F-002		12800		

**CP3-WM-0018-F01 - PGDP SOLID WASTE LANDFILL – LEACHATE LOG**

Permit No. 073-00045

McCracken County, Kentucky

Month June Year 2020

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
6-09-20	1,2,3,4,5	F-007		1200		
6-09-20	1,2,3,4,5	F-008		1200		
6-09-20	1,2,3,4,5	F-009		600		
6-10-20	1,2,3,4,5	F-001		11900	7600	L
6-10-20	1,2,3,4,5	F-002		13600		
6-10-20	1,2,3,4,5	F-007		1200		
6-10-20	1,2,3,4,5	F-008		1200		
6-10-20	1,2,3,4,5	F-009		600		
6-11-20	1,2,3,4,5	F-001		4300	3100	L
6-11-20	1,2,3,4,5	F-002		14500		
6-11-20	1,2,3,4,5	F-007		1200		
6-11-20	1,2,3,4,5	F-008		1200		
6-11-20	1,2,3,4,5	F-009		600		
6-15-20	1,2,3,4,5	F-001		1200		
6-15-20	1,2,3,4,5	F-002		18200	4900	L
6-15-20	1,2,3,4,5	F-007		1200		
6-15-20	1,2,3,4,5	F-008		1200		
6-15-20	1,2,3,4,5	F-009		600		
6-16-20	1,2,3,4,5	F-001		3500		
6-16-20	1,2,3,4,5	F-002		13300	9200	L
6-16-20	1,2,3,4,5	F-007		1200		
6-16-20	1,2,3,4,5	F-008		1200		
6-16-20	1,2,3,4,5	F-009		600		
6-17-20	1,2,3,4,5	F-001		4300		
6-17-20	1,2,3,4,5	F-002		4100	2900	L
6-17-20	1,2,3,4,5	F-007		1200		
6-17-20	1,2,3,4,5	F-008		1200		

**CP3-WM-0018-F01 - PGDP SOLID WASTE LANDFILL – LEACHATE LOG**

Permit No. 073-00045

McCracken County, Kentucky

Month June Year 2020

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
6-17-20	1,2,3,4,5	F-009		600		
6-18-20	1,2,3,4,5	F-001		4300		
6-18-20	1,2,3,4,5	F-002		2400		
6-18-20	1,2,3,4,5	F-007		1200		
6-18-20	1,2,3,4,5	F-008		1200		
6-18-20	1,2,3,4,5	F-009		600		
6-22-20	1,2,3,4,5	F-001		4300		
6-22-20	1,2,3,4,5	F-002		6300		
6-22-20	1,2,3,4,5	F-007		1200		
6-22-20	1,2,3,4,5	F-008		1200		
6-22-20	1,2,3,4,5	F-009		600		
6-23-20	1,2,3,4,5	F-001		4300		
6-23-20	1,2,3,4,5	F-002		8900		
6-23-20	1,2,3,4,5	F-007		1200		
6-23-20	1,2,3,4,5	F-008		1200		
6-23-20	1,2,3,4,5	F-009		600		
6-24-20	1,2,3,4,5	F-001		4300	3300	L
6-24-20	1,2,3,4,5	F-002		10200		
6-24-20	1,2,3,4,5	F-007		1200		
6-24-20	1,2,3,4,5	F-008		1200		
6-24-20	1,2,3,4,5	F-009		600		
6-25-20	1,2,3,4,5	F-001		1000		
6-25-20	1,2,3,4,5	F-002		11300	7200	L
6-25-20	1,2,3,4,5	F-007		1200		
6-25-20	1,2,3,4,5	F-008		1200		
6-25-20	1,2,3,4,5	F-009		600		
6-29-20	1,2,3,4,5	F-001		5500		





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

July 14, 2020

Ms. Jamie Nielsen, Supervisor  
Permit Administration Section  
Division of Waste Management, Solid Waste Branch  
Kentucky Department for Environmental Protection  
300 Sower Boulevard, 2nd Floor  
Frankfort, Kentucky 40601

PPPO-02-10006527-20B

Dear Ms. Nielsen:

**C-746-U SOLID WASTE LANDFILL SECOND QUARTER CALENDAR YEAR 2020  
WASTE QUANTITY REPORT, SOLID WASTE PERMIT NO. SW07300014,  
SW07300015, SW07300045, AGENCY INTEREST NO. 3059**

Enclosed is the subject report for the second quarter calendar year 2020. This report is required in accordance with Permit Condition ACTV0006, Special Condition Number 12, of Solid Waste Permit No. SW07300014, SW07300015, SW07300045, issued September 27, 2019. During this quarter, no waste disposal activities were conducted.

If you have any questions or require additional information, please contact David Dollins at (270) 441-6819.

Sincerely,

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

Jennifer Woodard  
Paducah Site Lead  
Portsmouth/Paducah Project Office

Enclosure:

C-746-U Solid Waste Landfill 2nd Qtr. CY 2020 Waste Quantity Report, DEP Form 7046-Q

cc w/enclosure:

abigail.parish@pppo.gov, PPPO  
april.ladd@pppo.gov, PPPO  
brian.begley@ky.gov, KDEP  
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Department for Environmental Protection / Division of Waste Management / Solid Waste Branch  
 Quarterly Waste Quantity Report - DEP 7046-Q (Revised 2-05)

Page 1 of 1

**WASTE ACTIVITY: CONTAINED LANDFILL**

Facility Name: U.S. Department of Energy- Paducah Gaseous Diffusion Plant Permit Number: SW07300014, SW07300015, SW07300045  
 County where landfill is located: McCracken Agency Interest Number: 3059  
 Report for the Months of: April, May, June For the Year of: 2020

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, McCracken County, Kentucky (April)	0.00	0.00	0.00	0.00
Paducah Gaseous Diffusion Plant, McCracken County, Kentucky (May)	0.00	0.00	0.00	0.00
Paducah Gaseous Diffusion Plant, McCracken County, Kentucky (June)	0.00	0.00	0.00	0.00
<b>Total for this page</b>	0.00	0.00	0.00	0.00
<b>Grand Total of all pages</b>	0.00	0.00	0.00	0.00

\*Grand Total of Municipal, Industrial, and Special from all pages 0.00

\*Does not include waste used as Alternate Daily Cover.  
 \*\*Indicate the amount of waste 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: *Myrna E. Redfield*  
 Name - Please Print: Myrna E. Redfield

Phone Number: (270) 441-5113  
 Date: 7/14/2020

Signature: *Jennifer Woodard*  
 Name - Please Print: Jennifer Woodard

Phone Number: (270) 441-6800  
 Date: 7/14/2020

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