



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

July 14, 2021

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-02-10013106-21B

Dear Ms. Nielsen:

**C-746-S&T AND C-746-U SOLID WASTE LANDFILLS SECOND QUARTER  
CALENDAR YEAR 2021 WASTE OPERATING REPORT, PADUCAH GASEOUS  
DIFFUSION PLANT, PADUCAH, KENTUCKY, FRNP-RPT-0183/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 2021 for the C-746-S&T Landfills and C-746-U Landfill 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 Landfills Second Quarter Calendar Year 2021 Waste Operating Report, Paducah Gaseous Diffusion Plant, Paducah, Kentucky, FRNP-RPT-0183/V2*

cc w/enclosures:

abigail.parish@pppo.gov, PPPO  
april.ladd@pppo.gov, PPPO  
brian.begley@ky.gov, KDEP  
bruce.ford@pad.pppo.gov, FRNP  
christopher.travis@ky.gov, KDEP  
dave.dollins@pppo.gov, PPPO  
dennis.greene@pad.pppo.gov, FRNP  
frnpcorrespondence@pad.pppo.gov  
gary.hines@pad.pppo.gov, FRNP  
jennifer.woodard@pppo.gov, PPPO  
jerry.arnzen@pad.pppo.gov, FRNP  
joel.bradburne@pppo.gov, PPPO  
jolie.fleming@pad.pppo.gov, FRNP  
leo.williamson@ky.gov, KDEP  
lisa.crabtree@pad.pppo.gov, FRNP  
myrna.redfield@pad.pppo.gov, FRNP  
pad.rmc@pad.pppo.gov  
robert.edwards@pppo.gov, PPPO  
tammy.smith@pad.pppo.gov, FRNP  
tracey.duncan@pppo.gov, PPPO

cc via KY eForms portal:

danny.anderson@ky.gov, KDEP  
jamie.nielsen@ky.gov, KDEP  
teresa.osborne@ky.gov, KDEP

**CERTIFICATION**

**Document Identification:** *C-746-S&T and C-746-U Solid Waste Landfills Second Quarter Calendar Year 2021 Waste Operating Report, Paducah Gaseous Diffusion Plant, Paducah, Kentucky, FRNP-RPT-0183/V2, Solid Waste Permit SW07300014, SW07300015, SW07300045, Agency Interest No. 3059, July 2021*

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)

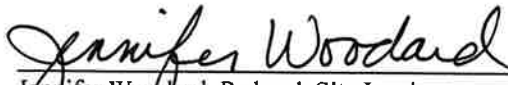


Myrna E. Redfield, Program Manager  
Four Rivers Nuclear Partnership, LLC

7/14/21  
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

7/14/2021  
Date Signed

**C-746-S&T and C-746-U Solid Waste Landfills  
Second Quarter Calendar Year 2021  
Waste Operating Report  
Paducah Gaseous Diffusion Plant,  
Paducah, Kentucky**



This document is approved for public release per review by:

*David Hayden*  
FRNP Classification Support

07-12-2021  
Date



**C-746-S&T and C-746-U Solid Waste Landfills  
Second Quarter Calendar Year 2021  
Waste Operating Report  
Paducah Gaseous Diffusion Plant,  
Paducah, Kentucky**

Date Issued—July 2021

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

**THIS PAGE INTENTIONALLY LEFT BLANK**

# CONTENTS

REPORT SUMMARY.....	v
FACILITY INFORMATION SHEET.....	1
COVER LOG.....	3
LEACHATE LOG.....	9



**THIS PAGE INTENTIONALLY LEFT BLANK**

## 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 2021 for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky.

In the second quarter of calendar year 2021, a total of 1,210.70 tons of industrial waste was disposed of in the C-746-U Contained Landfill. There were 0.36 tons of asbestos-containing materials disposed of as part of the 1,210.70 total tons of waste dispositioned. No special waste or spill-residue-containing materials were disposed of in the landfill this quarter. 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 primarily stored in five holding tanks (F-001, F-002, F-007, F-008, and F-009) with a total capacity of 104,200 gal. In the event that leachate cannot be managed solely with the primary tanks, 64,000 gal of additional storage capacity is available in reserve tanks F-010, F-011, F-012, and F-013. Tank F-004 is a 2,500-gal surge tank for the leachate treatment system. Storage tanks F-005 and F-006 were removed from service in 2014. The total leachate storage capacity is 170,700 gal.

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 150,400 gal of leachate from the C-746-U Landfill was treated at the C-746-U15 Leachate Treatment Facility this quarter. A total of 5,900 gal of 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 at 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.

**THIS PAGE INTENTIONALLY LEFT BLANK**

## 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"

---

---

### OWNER INFORMATION

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

Contact Person: Gary Hines Phone No.: (270) 816-4164  
Landfill Manager,

Contact Person Title: Four Rivers Nuclear Partnership, LLC

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

---

---

### 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

---

---

### 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

---

---

### 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

**THIS PAGE INTENTIONALLY LEFT BLANK**

## **COVER LOG**

**THIS PAGE INTENTIONALLY LEFT BLANK**

# CP3-WM-0017-F02 - COVER LOG

DEPARTMENT OF ENERGY  
 COUNTY: McCracken

PERMIT NUMBER: 073-00045  
 Month & Year: April 2021

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	<b>D-3</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
6	<b>D-3</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
7						
8						
9						
10						
11						
12	<b>D-3</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
13	<b>D-3</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
14						
15	<b>D-3</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
16						
17						
18						
19						
20						
21						
22	<b>D-3</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
23						
24						
25						
26						
27	<b>D-3</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
28						
29						
30						
31						



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

DEPARTMENT OF ENERGY  
 COUNTY: McCracken

PERMIT NUMBER: 073-00045  
 Month & Year: May 2021

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	<b>D-3</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
12	<b>D-3</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
13						
14						
15						
16						
17						
18						
19						
20	<b>D-4</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
21						
22						
23						
24	<b>D-4</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
25	<b>D-4</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
26						
27						
28						
29						
30						
31						

# CP3-WM-0017-F02 - COVER LOG

DEPARTMENT OF ENERGY  
 COUNTY: McCracken

PERMIT NUMBER: 073-00045  
 Month & Year: June 2021

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	<b>D-5</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
17	<b>D-5</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
18						
19						
20						
21						
22						
23	<b>D-5</b>	<b>YES</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>
24						
25						
26						
27						
28						
29						
30						
31						

**THIS PAGE INTENTIONALLY LEFT BLANK**

## **LEACHATE LOG**

**THIS PAGE INTENTIONALLY LEFT BLANK**

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

Permit No. 073-00045

McCracken County, Kentucky

Month April Year 2021

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
4-05-21	1,2,3,4,5	F-001		11600	3800	L
4-05-21	1,2,3,4,5	F-002		7000	5600	L
4-05-21	1,2,3,4,5	F-007		1200		
4-05-21	1,2,3,4,5	F-008		1200		
4-05-21	1,2,3,4,5	F-009		700		
4-06-21	1,2,3,4,5	F-001		7800	6400	L
4-06-21	1,2,3,4,5	F-002		2800		
4-06-21	1,2,3,4,5	F-007		1200		
4-06-21	1,2,3,4,5	F-008		1200		
4-06-21	1,2,3,4,5	F-009		700		
4-07-21	1,2,3,4,5	F-001		1400		
4-07-21	1,2,3,4,5	F-002		4600	3200	L
4-07-21	1,2,3,4,5	F-007		1200		
4-07-21	1,2,3,4,5	F-008		1200		
4-07-21	1,2,3,4,5	F-009		700		
4-08-21	1,2,3,4,5	F-001		3000	1600	L
4-08-21	1,2,3,4,5	F-002		1400		
4-08-21	1,2,3,4,5	F-007		1200		
4-08-21	1,2,3,4,5	F-008		1200		
4-08-21	1,2,3,4,5	F-009		700		
4-12-21	1,2,3,4,5	F-001		1400		
4-12-21	1,2,3,4,5	F-002		7800	6400	L
4-12-21	1,2,3,4,5	F-007		1200		
4-12-21	1,2,3,4,5	F-008		1200		
4-12-21	1,2,3,4,5	F-009		700		
4-13-21	1,2,3,4,5	F-001		3000	1600	L
4-13-21	1,2,3,4,5	F-002		1400		

No measurements were taken on 4/01/21 due to company holiday

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

Permit No. 073-00045

McCracken County, Kentucky

Month April Year 2021

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
4-13-21	1,2,3,4,5	F-007		1200		
4-13-21	1,2,3,4,5	F-008		1200		
4-13-21	1,2,3,4,5	F-009		700		
4-14-21	1,2,3,4,5	F-001		1400		
4-14-21	1,2,3,4,5	F-002		2800		
4-14-21	1,2,3,4,5	F-007		1200		
4-14-21	1,2,3,4,5	F-008		1200		
4-14-21	1,2,3,4,5	F-009		700		
4-15-21	1,2,3,4,5	F-001		1400		
4-15-21	1,2,3,4,5	F-002		3900	2500	L
4-15-21	1,2,3,4,5	F-007		1200		
4-15-21	1,2,3,4,5	F-008		1200		
4-15-21	1,2,3,4,5	F-009		700		
4-19-21	1,2,3,4,5	F-001		7000	5600	L
4-19-21	1,2,3,4,5	F-002		1400		
4-19-21	1,2,3,4,5	F-007		1200		
4-19-21	1,2,3,4,5	F-008		1200		
4-19-21	1,2,3,4,5	F-009		700		
4-20-21	1,2,3,4,5	F-001		1400		
4-20-21	1,2,3,4,5	F-002		3000	1600	L
4-20-21	1,2,3,4,5	F-007		1200		
4-20-21	1,2,3,4,5	F-008		1200		
4-20-21	1,2,3,4,5	F-009		700		
4-21-21	1,2,3,4,5	F-001		2200		
4-21-21	1,2,3,4,5	F-002		1400		
4-21-21	1,2,3,4,5	F-007		1200		
4-21-21	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 2021

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
4-21-21	1,2,3,4,5	F-009		700		
4-22-21	1,2,3,4,5	F-001		3900		
4-22-21	1,2,3,4,5	F-002		1400		
4-22-21	1,2,3,4,5	F-007		1200		
4-22-21	1,2,3,4,5	F-008		1200		
4-22-21	1,2,3,4,5	F-009		700		
4-26-21	1,2,3,4,5	F-001		9700	8300	L
4-26-21	1,2,3,4,5	F-002		1400		
4-26-21	1,2,3,4,5	F-007		1200		
4-26-21	1,2,3,4,5	F-008		1200		
4-26-21	1,2,3,4,5	F-009		700		
4-27-21	1,2,3,4,5	F-001		3000		
4-27-21	1,2,3,4,5	F-002		1400		
4-27-21	1,2,3,4,5	F-007		1200		
4-27-21	1,2,3,4,5	F-008		1200		
4-27-21	1,2,3,4,5	F-009		700		
4-28-21	1,2,3,4,5	F-001		4600	3200	L
4-28-21	1,2,3,4,5	F-002		1400		
4-28-21	1,2,3,4,5	F-007		1200		
4-28-21	1,2,3,4,5	F-008		1200		
4-28-21	1,2,3,4,5	F-009		700		
4-29-21	1,2,3,4,5	F-001		1400		
4-29-21	1,2,3,4,5	F-002		3000	1600	L
4-29-21	1,2,3,4,5	F-007		1200		
4-29-21	1,2,3,4,5	F-008		1200		
4-29-21	1,2,3,4,5	F-009		700		
		<i>Jenny Smith 4-29-21</i>				



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

Permit No. 073-00045

McCracken County, Kentucky

Month   May   Year  2021 

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
5-03-21	1,2,3,4,5	F-001		1400		
5-03-21	1,2,3,4,5	F-002		11300	9900	L
5-03-21	1,2,3,4,5	F-007		1200		
5-03-21	1,2,3,4,5	F-008		1200		
5-03-21	1,2,3,4,5	F-009		700		
5-04-21	1,2,3,4,5	F-001		3900	2500	L
5-04-21	1,2,3,4,5	F-002		1400		
5-04-21	1,2,3,4,5	F-007		1200		
5-04-21	1,2,3,4,5	F-008		1200		
5-04-21	1,2,3,4,5	F-009		700		
5-05-21	1,2,3,4,5	F-001		1400		
5-05-21	1,2,3,4,5	F-002		5800	4400	L
5-05-21	1,2,3,4,5	F-007		1200		
5-05-21	1,2,3,4,5	F-008		1200		
5-05-21	1,2,3,4,5	F-009		700		
5-06-21	1,2,3,4,5	F-001		5500	4100	L
5-06-21	1,2,3,4,5	F-002		1400		
5-06-21	1,2,3,4,5	F-007		1200		
5-06-21	1,2,3,4,5	F-008		1200		
5-06-21	1,2,3,4,5	F-009		700		
5-10-21	1,2,3,4,5	F-001		1400		
5-10-21	1,2,3,4,5	F-002		11600	10200	L
5-10-21	1,2,3,4,5	F-007		1200		
5-10-21	1,2,3,4,5	F-008		1200		
5-10-21	1,2,3,4,5	F-009		700		
5-11-21	1,2,3,4,5	F-001		3900		
5-11-21	1,2,3,4,5	F-002		1400		

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

Permit No. 073-00045

McCracken County, Kentucky

Month   May   Year  2021 

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
5-11-21	1,2,3,4,5	F-007		1200		
5-11-21	1,2,3,4,5	F-008		1200		
5-11-21	1,2,3,4,5	F-009		700		
5-12-21	1,2,3,4,5	F-001		6500		
5-12-21	1,2,3,4,5	F-002		1400		
5-12-21	1,2,3,4,5	F-007		1200		
5-12-21	1,2,3,4,5	F-008		1200		
5-12-21	1,2,3,4,5	F-009		700		
5-13-21	1,2,3,4,5	F-001		8900	7500	L
5-13-21	1,2,3,4,5	F-002		1400		
5-13-21	1,2,3,4,5	F-007		1200		
5-13-21	1,2,3,4,5	F-008		1200		
5-13-21	1,2,3,4,5	F-009		700		
5-17-21	1,2,3,4,5	F-001		1400		
5-17-21	1,2,3,4,5	F-002		8300		
5-17-21	1,2,3,4,5	F-007		1200		
5-17-21	1,2,3,4,5	F-008		1200		
5-17-21	1,2,3,4,5	F-009		700		
5-18-21	1,2,3,4,5	F-001		1400		
5-18-21	1,2,3,4,5	F-002		9700	8300	L
5-18-21	1,2,3,4,5	F-007		1200		
5-18-21	1,2,3,4,5	F-008		1200		
5-18-21	1,2,3,4,5	F-009		700		
5-19-21	1,2,3,4,5	F-001		3000		
5-19-21	1,2,3,4,5	F-002		1400		
5-19-21	1,2,3,4,5	F-007		1200		
5-19-21	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 2021

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
5-19-21	1,2,3,4,5	F-009		700		
5-20-21	1,2,3,4,5	F-001		4800	3400	L
5-20-21	1,2,3,4,5	F-002		1400		
5-20-21	1,2,3,4,5	F-007		1200		
5-20-21	1,2,3,4,5	F-008		1200		
5-20-21	1,2,3,4,5	F-009		700		
5-24-21	1,2,3,4,5	F-001		1400		
5-24-21	1,2,3,4,5	F-002		7300	5900	L
5-24-21	1,2,3,4,5	F-007		1200		
5-24-21	1,2,3,4,5	F-008		1200		
5-24-21	1,2,3,4,5	F-009		700		
5-25-21	1,2,3,4,5	F-001		3200	1800	L
5-25-21	1,2,3,4,5	F-002		1400		
5-25-21	1,2,3,4,5	F-007		1200		
5-25-21	1,2,3,4,5	F-008		1200		
5-25-21	1,2,3,4,5	F-009		700		
5-26-21	1,2,3,4,5	F-001		1400		
5-26-21	1,2,3,4,5	F-002		2200		
5-26-21	1,2,3,4,5	F-007		1200		
5-26-21	1,2,3,4,5	F-008		1200		
5-26-21	1,2,3,4,5	F-009		700		
5-27-21	1,2,3,4,5	F-001		1400		
5-27-21	1,2,3,4,5	F-002		3900	2500	L
5-27-21	1,2,3,4,5	F-007		1200		
5-27-21	1,2,3,4,5	F-008		1200		
5-27-21	1,2,3,4,5	F-009		700		
			<i>Jimmy Smith</i>	<i>5-27-21</i>		

No measurements were taken on 5/31/21 due to company holiday

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

Permit No. 073-00045

McCracken County, Kentucky

Month June Year 2021

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
6-01-21	1,2,3,4,5	F-001		8900	7500	L
6-01-21	1,2,3,4,5	F-002		1400		
6-01-21	1,2,3,4,5	F-007		1200		
6-01-21	1,2,3,4,5	F-008		1200		
6-01-21	1,2,3,4,5	F-009		700		
6-02-21	1,2,3,4,5	F-001		1400		
6-02-21	1,2,3,4,5	F-002		2800		
6-02-21	1,2,3,4,5	F-007		1200		
6-02-21	1,2,3,4,5	F-008		1200		
6-02-21	1,2,3,4,5	F-009		700		
6-03-21	1,2,3,4,5	F-001		1400		
6-03-21	1,2,3,4,5	F-002		3500	2100	L
6-03-21	1,2,3,4,5	F-007		1200		
6-03-21	1,2,3,4,5	F-008		1200		
6-03-21	1,2,3,4,5	F-009		700		
6-07-21	1,2,3,4,5	F-001		10000	8600	L
6-07-21	1,2,3,4,5	F-002		1400		
6-07-21	1,2,3,4,5	F-007		1200		
6-07-21	1,2,3,4,5	F-008		1200		
6-07-21	1,2,3,4,5	F-009		700		
6-08-21	1,2,3,4,5	F-001		1400		
6-08-21	1,2,3,4,5	F-002		2400	1000	L
6-08-21	1,2,3,4,5	F-007		1200		
6-08-21	1,2,3,4,5	F-008		1200		
6-08-21	1,2,3,4,5	F-009		700		
6-09-21	1,2,3,4,5	F-001		2100		
6-09-21	1,2,3,4,5	F-002		1400		

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

Permit No. 073-00045

McCracken County, Kentucky

Month June Year 2021

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
6-09-21	1,2,3,4,5	F-007		1200		
6-09-21	1,2,3,4,5	F-008		1200		
6-09-21	1,2,3,4,5	F-009		700		
6-10-21	1,2,3,4,5	F-001		3900		
6-10-21	1,2,3,4,5	F-002		1400		
6-10-21	1,2,3,4,5	F-007		1200		
6-10-21	1,2,3,4,5	F-008		1200		
6-10-21	1,2,3,4,5	F-009		700		
6-14-21	1,2,3,4,5	F-001		11600		
6-14-21	1,2,3,4,5	F-002		1700		
6-14-21	1,2,3,4,5	F-007		1200		
6-14-21	1,2,3,4,5	F-008		1200		
6-14-21	1,2,3,4,5	F-009		700		
6-15-21	1,2,3,4,5	F-001		11600		
6-15-21	1,2,3,4,5	F-002		2600		
6-15-21	1,2,3,4,5	F-007		1200		
6-15-21	1,2,3,4,5	F-008		1200		
6-15-21	1,2,3,4,5	F-009		700		
6-16-21	1,2,3,4,5	F-001		11600		
6-16-21	1,2,3,4,5	F-002		3500		
6-16-21	1,2,3,4,5	F-007		1200		
6-16-21	1,2,3,4,5	F-008		1200		
6-16-21	1,2,3,4,5	F-009		700		
6-17-21	1,2,3,4,5	F-001		11600		
6-17-21	1,2,3,4,5	F-002		5000		
6-17-21	1,2,3,4,5	F-007		1200		
6-17-21	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 2021

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
6-17-21	1,2,3,4,5	F-009		700		
6-21-21	1,2,3,4,5	F-001		11600	9700	L
6-21-21	1,2,3,4,5	F-002		10200		
6-21-21	1,2,3,4,5	F-007		1200		
6-21-21	1,2,3,4,5	F-008		1200		
6-21-21	1,2,3,4,5	F-009		700		
6-22-21	1,2,3,4,5	F-001		1900		
6-22-21	1,2,3,4,5	F-002		11000	5500	L
6-22-21	1,2,3,4,5	F-007		1200		
6-22-21	1,2,3,4,5	F-008		1200		
6-22-21	1,2,3,4,5	F-009		700		
6-23-21	1,2,3,4,5	F-001		3200		
6-23-21	1,2,3,4,5	F-002		5500	4100	L
6-23-21	1,2,3,4,5	F-007		1200		
6-23-21	1,2,3,4,5	F-008		1200		
6-23-21	1,2,3,4,5	F-009		700		
6-28-21	1,2,3,4,5	F-001		9400		
6-28-21	1,2,3,4,5	F-002		1900		
6-28-21	1,2,3,4,5	F-007		1200		
6-28-21	1,2,3,4,5	F-008		1200		
6-28-21	1,2,3,4,5	F-009		700		
6-29-21	1,2,3,4,5	F-001		9400		
6-29-21	1,2,3,4,5	F-002		2400		
6-29-21	1,2,3,4,5	F-007		1200		
6-29-21	1,2,3,4,5	F-008		1200		
6-29-21	1,2,3,4,5	F-009		700		
6-30-21	1,2,3,4,5	F-001		9400		

No measurements were taken on 6/24/21 due to company holiday

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

Permit No. 073-00045

McCracken County, Kentucky

Month June Year 2021

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
6-30-21	1,2,3,4,5	F-002		3200		
6-30-21	1,2,3,4,5	F-007		1200		
6-30-21	1,2,3,4,5	F-008		1200		
6-30-21	1,2,3,4,5	F-009		700		
<i>Jimmy Smith 6-30-21</i>						

Division of Waste Management  
Solid Waste Branch  
Quarterly Waste Quantity Report - DEP 7046-Q  
Electronic Submittal

\*\*This eForm is not applicable to Transfer stations or Convenience Centers. Those reports still need to be sent in the mail.

**Agency/Site Information:**

Agency Interest #(*) <input type="text" value="3059"/>	Facility Name <input type="text" value="Dept of Energy-Paducah Gaseous"/>	Report for the Months of(*) <input type="text" value="Apr, May, Jun"/>	Year(*) <input type="text" value="2021"/>
County where landfill is located: <input type="text" value="McCracken"/>	LandFill(*) <input type="text" value="Contained Landfill(ACTV6)/07300045"/>		

**CONTAINED LANDFILL**

**Editing the Grid: You may click in each cell to edit the value.**  
**You may navigate the grid items by using the tab and arrow keys or you may press the enter key to enable editing of a cell.**

	Waste Source	*Municipal Solid Waste	*Industrial Waste	*Special Waste	**Waste Used as Alternate Daily Cover As Approved	Delete
1	MCCRACKEN,KY	0	1210.70	0	0	Delete
+						

**Total tonnage: 1210.70**

**Total Fee :**

2118.725

\*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.

For this calendar quarter, please check this box if no waste has been collected at the Solid Waste Disposal Facility.

Check this box if you elect to submit a check or money order instead of paying this fee online, or payment is not required for this activity type. Payments shall be made payable to the Kentucky State Treasurer, and mailed to:

Division of Waste Management  
Solid Waste Branch  
300 Sower Blvd., Second Floor  
Frankfort, Kentucky 40601

**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 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:(\*)

Pin(\*)

Title:(\*)



Signature		PIN	Title	
First Name:(*) Myrna		M.I.: E	Last Name:(*) Redfield	
eMail Address:(*) myrna.redfield@pppo.pad.gov		Business Phone:(*) 270-441-5113	Alternate Phone: 270-217-2529	Signature Date:(*) Date
<a href="#">Click to Save Values for Future Retrieval</a> <input type="button" value="Submit"/>				