



## Department of Energy

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

July 12, 2024

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-02-10028426-24

Dear Ms. Nielsen:

**C-746-S&T AND C-746-U SOLID WASTE LANDFILLS SECOND QUARTER  
CALENDAR YEAR 2024 WASTE OPERATING REPORT, PADUCAH GASEOUS  
DIFFUSION PLANT, PADUCAH, KENTUCKY, FRNP-RPT-0332/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 2024 for the C-746-S&T Landfills and the 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 the C-746-U Landfill.

If you have any questions or require additional information, please contact Ryan Callihan at (740) 970-0255.

Sincerely,

**APRIL  
LADD**

April Ladd  
Paducah Site Lead  
Portsmouth/Paducah Project Office

Digitally signed by  
APRIL LADD  
Date: 2024.07.11  
13:11:37 -05'00'

Enclosures:

1. Certification Page
2. *C-746-S&T and C-746-U Solid Waste Landfills Second Quarter Calendar Year 2024 Waste Operating Report, Paducah Gaseous Diffusion Plant, Paducah, Kentucky, FRNP-RPT-0332/V2*

cc w/enclosures:

abigail.parish@pppo.gov, PPPO  
april.ladd@pppo.gov, PPPO  
april.webb@ky.gov, KDEP  
bruce.ford@pad.pppo.gov, FRNP  
dennis.greene@pad.pppo.gov, FRNP  
frnppcorrespondence@pad.pppo.gov  
gary.corrigan@pad.pppo.gov, FRNP  
jaime.morrow@pad.pppo.gov, FRNP  
joel.bradburne@pppo.gov, PPPO  
leo.williamson@ky.gov, KDEP  
myrna.redfield@pad.pppo.gov, FRNP  
pad.rmc@pppo.gov  
reinhard.knerr@pppo.gov, PPPO  
ryan.callihan@pppo.gov, PPPO  
sonja.smiley@ky.gov, KDEP

cc w/enclosures 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 2024 Waste Operating Report, Paducah Gaseous Diffusion Plant, Paducah, Kentucky, FRNP-RPT-0332/V2, Solid Waste Permit SW07300014, SW07300015, SW07300045, Agency Interest No. 3059, July 2024*

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 REDFIELD  
(Affiliate)



Digitally signed by MYRNA  
REDFIELD (Affiliate)  
Date: 2024.07.10 14:43:40  
-05'00'

---

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

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

APRIL LADD



Digitally signed by APRIL  
LADD  
Date: 2024.07.10  
15:47:20 -05'00'

---

April Ladd, Paducah Site Lead/Date Signed  
Portsmouth/Paducah Project Office  
U.S. Department of Energy

FRNP-RPT-0332/V2

**C-746-S&T and C-746-U Solid Waste Landfills  
Second Quarter Calendar Year 2024  
Waste Operating Report  
Paducah Gaseous Diffusion Plant,  
Paducah, Kentucky**



**CLEARED FOR PUBLIC RELEASE**



**C-746-S&T and C-746-U Solid Waste Landfills  
Second Quarter Calendar Year 2024  
Waste Operating Report  
Paducah Gaseous Diffusion Plant,  
Paducah, Kentucky**

Date Issued—July 2024

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

**CLEARED FOR PUBLIC RELEASE**

**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, *Landfill Recordkeeping and Reporting*, for the second quarter of calendar year 2024 for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky.

In the second quarter of calendar year 2024, a total of 313.57 tons of industrial waste was disposed of in the C-746-U Contained Landfill. There were zero (0) tons of asbestos-containing materials disposed of as part of the 313.57 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.

Note that due to an incident involving the tipping of an excavator, the C-746-U Contained Landfill did not receive any waste between March 19, 2024, and May 2, 2024. Specifically, the excavator tipped and a work pause was initiated on March 19, 2024. The excavator was righted on April 25, 2024, and the work pause was lifted on May 2, 2024. The C-746-U Contained Landfill began accepting waste again on May 20, 2024.

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

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

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 184,900 gal of leachate from the C-746-U Contained Landfill was treated at the C-746-U15 Leachate Treatment Facility this quarter. A total of 3,000 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 or cover maintenance activities associated with the C-746-S&T Landfills [401 KAR 47:190 § 8, *Landfill Recordkeeping and Reporting*]. The C-746-S&T Landfills were inspected for subsidence in accordance with the cover requirements [401 KAR 48:080 § 9, *Alternative Specifications*]. There was one repair event during the quarter at the C-746-S Landfill. A methane vent pipe located atop of Cell No. 3 of the C-746-S Landfill was damaged during mowing operations and was repaired during this quarter.

There were no construction or cover maintenance activities at the C-746-U Contained Landfill [401 KAR 47:190 §8, *Landfill Recordkeeping and Reporting*]. The landfill was inspected for subsidence in accordance with the cover requirements [401 KAR 48:080 § 9, *Alternative Specifications*]. No repairs were necessary during the quarter.

## FACILITY INFORMATION SHEET

Sampling Date: Not applicable (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' 5"

---

---

### OWNER INFORMATION

Facility Owner: U.S. DOE, Joel Bradburne, Manager Phone No.: (859) 219-4000

Contact Person: Todd L. Walker Phone No.: (270) 559-0937  
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: Rene Tucker Phone No.: (270) 816-6041

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 2024

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		There were no waste disposal activities during the month of April 2024				
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						



# CP3-WM-0017-F02 - COVER LOG

DEPARTMENT OF ENERGY  
 COUNTY: McCracken

PERMIT NUMBER: 073-00045  
 Month & Year: MAY 2024

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						
17						
18						
19						
20	E5	YES	Yes	NO	NO	YES
21						
22						
23						
24						
25						
26						
27						
28						
29	E5	YES	YES	NO	NO	YES
30						
31						

# CP3-WM-0017-F02 - COVER LOG

DEPARTMENT OF ENERGY

PERMIT NUMBER: 073-00045

COUNTY: McCracken

Month & Year: June 2024

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	E5	YES	YES	NO	NO	YES
12						
13	E5	YES	YES	NO	NO	YES
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
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 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
04/01/2024	1,2,3,4,5,6,7	F-001		6500		
04/01/2024	1,2,3,4,5,6,7	F-002		25400		
04/01/2024	1,2,3,4,5,6,7	F-007		4000		
04/01/2024	1,2,3,4,5,6,7	F-008		7100		
04/01/2024	1,2,3,4,5,6,7	F-009		700		
04/02/2024	1,2,3,4,5,6,7	F-001		6500		
04/02/2024	1,2,3,4,5,6,7	F-002		26200		
04/02/2024	1,2,3,4,5,6,7	F-007		4000		
04/02/2024	1,2,3,4,5,6,7	F-008		7100		
04/02/2024	1,2,3,4,5,6,7	F-009		700		
04/03/2024	1,2,3,4,5,6,7	F-001		6500		
04/03/2024	1,2,3,4,5,6,7	F-002		27100		
04/03/2024	1,2,3,4,5,6,7	F-007		4000		
04/03/2024	1,2,3,4,5,6,7	F-008		7100		
04/03/2024	1,2,3,4,5,6,7	F-009		700		
04/04/2024	1,2,3,4,5,6,7	F-001		6500		
04/04/2024	1,2,3,4,5,6,7	F-002		28100		
04/04/2024	1,2,3,4,5,6,7	F-007		4000		
04/04/2024	1,2,3,4,5,6,7	F-008		7100		
04/04/2024	1,2,3,4,5,6,7	F-009		700		
04/08/2024	1,2,3,4,5,6,7	F-001		10800		
04/08/2024	1,2,3,4,5,6,7	F-002		28100	13900	L
04/08/2024	1,2,3,4,5,6,7	F-007		4000		
04/08/2024	1,2,3,4,5,6,7	F-008		7100		
04/08/2024	1,2,3,4,5,6,7	F-009		700		
04/09/2024	1,2,3,4,5,6,7	F-001		11600		
04/09/2024	1,2,3,4,5,6,7	F-002		14200	12100	L

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

Permit No. 073-00045

McCracken County, Kentucky

Month April

Year 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
04/09/2024	1,2,3,4,5,6,7	F-007		4000		
04/09/2024	1,2,3,4,5,6,7	F-008		7100		
04/09/2024	1,2,3,4,5,6,7	F-009		700		
04/10/2024	1,2,3,4,5,6,7	F-001		12500		
04/10/2024	1,2,3,4,5,6,7	F-002		2100		
04/10/2024	1,2,3,4,5,6,7	F-007		4000		
04/10/2024	1,2,3,4,5,6,7	F-008		7100		
04/10/2024	1,2,3,4,5,6,7	F-009		700		
04/11/2024	1,2,3,4,5,6,7	F-001		14200		
04/11/2024	1,2,3,4,5,6,7	F-002		2100		
04/11/2024	1,2,3,4,5,6,7	F-007		4000		
04/11/2024	1,2,3,4,5,6,7	F-008		7100		
04/11/2024	1,2,3,4,5,6,7	F-009		700		
04/15/2024	1,2,3,4,5,6,7	F-001		19900		
04/15/2024	1,2,3,4,5,6,7	F-002		2100		
04/15/2024	1,2,3,4,5,6,7	F-007		4000		
04/15/2024	1,2,3,4,5,6,7	F-008		7100		
04/15/2024	1,2,3,4,5,6,7	F-009		700		
04/16/2024	1,2,3,4,5,6,7	F-001		21500	8700	L
04/16/2024	1,2,3,4,5,6,7	F-002		2100		
04/16/2024	1,2,3,4,5,6,7	F-007		4000		
04/16/2024	1,2,3,4,5,6,7	F-008		7100		
04/16/2024	1,2,3,4,5,6,7	F-009		700		
04/17/2024	1,2,3,4,5,6,7	F-001		12800	6800	L
04/17/2024	1,2,3,4,5,6,7	F-002		3000		
04/17/2024	1,2,3,4,5,6,7	F-007		4000		
04/17/2024	1,2,3,4,5,6,7	F-008		7100		

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

Permit No. 073-00045

McCracken County, Kentucky

Month April Year 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
04/17/2024	1,2,3,4,5,6,7	F-009		700		
04/18/2024	1,2,3,4,5,6,7	F-001		6000		
04/18/2024	1,2,3,4,5,6,7	F-002		4800		
04/18/2024	1,2,3,4,5,6,7	F-007		4000		
04/18/2024	1,2,3,4,5,6,7	F-008		7100		
04/18/2024	1,2,3,4,5,6,7	F-009		700		
04/22/2024	1,2,3,4,5,6,7	F-001		6000		
04/22/2024	1,2,3,4,5,6,7	F-002		8900		
04/22/2024	1,2,3,4,5,6,7	F-007		4000		
04/22/2024	1,2,3,4,5,6,7	F-008		7100		
04/22/2024	1,2,3,4,5,6,7	F-009		700		
04/23/2024	1,2,3,4,5,6,7	F-001		6000		
04/23/2024	1,2,3,4,5,6,7	F-002		9400		
04/23/2024	1,2,3,4,5,6,7	F-007		4000		
04/23/2024	1,2,3,4,5,6,7	F-008		7100		
04/23/2024	1,2,3,4,5,6,7	F-009		700		
04/24/2024	1,2,3,4,5,6,7	F-001		6000		
04/24/2024	1,2,3,4,5,6,7	F-002		10500		
04/24/2024	1,2,3,4,5,6,7	F-007		4000		
04/24/2024	1,2,3,4,5,6,7	F-008		7100		
04/24/2024	1,2,3,4,5,6,7	F-009		700		
04/25/2024	1,2,3,4,5,6,7	F-001		6000		
04/25/2024	1,2,3,4,5,6,7	F-002		11300		
04/25/2024	1,2,3,4,5,6,7	F-007		4000		
04/25/2024	1,2,3,4,5,6,7	F-008		7100		
04/25/2024	1,2,3,4,5,6,7	F-009		700		
04/29/2024	1,2,3,4,5,6,7	F-001		6000		



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

Permit No. 073-00045

McCracken County, Kentucky

Month April

Year 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
04/29/2024	1,2,3,4,5,6,7	F-002		15300		
04/29/2024	1,2,3,4,5,6,7	F-007		4000		
04/29/2024	1,2,3,4,5,6,7	F-008		7100		
04/29/2024	1,2,3,4,5,6,7	F-009		700		
04/30/2024	1,2,3,4,5,6,7	F-001		6000		
04/30/2024	1,2,3,4,5,6,7	F-002		16200		
04/30/2024	1,2,3,4,5,6,7	F-007		4000		
04/30/2024	1,2,3,4,5,6,7	F-008		7100		
04/30/2024	1,2,3,4,5,6,7	F-009		700		
TW 5/1/2024						

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

Permit No. 073-00045

McCracken County, Kentucky

Month May Year 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
05/01/2024	1,2,3,4,5,6,7	F-001		6000		
05/01/2024	1,2,3,4,5,6,7	F-002		16500		
05/01/2024	1,2,3,4,5,6,7	F-007		4000		
05/01/2024	1,2,3,4,5,6,7	F-008		7100		
05/01/2024	1,2,3,4,5,6,7	F-009		700		
05/02/2024	1,2,3,4,5,6,7	F-001		6000		
05/02/2024	1,2,3,4,5,6,7	F-002		18200		
05/02/2024	1,2,3,4,5,6,7	F-007		4000		
05/02/2024	1,2,3,4,5,6,7	F-008		7100		
05/02/2024	1,2,3,4,5,6,7	F-009		700		
05/06/2024	1,2,3,4,5,6,7	F-001		6000		
05/06/2024	1,2,3,4,5,6,7	F-002		21800		
05/06/2024	1,2,3,4,5,6,7	F-007		4000		
05/06/2024	1,2,3,4,5,6,7	F-008		7100		
05/06/2024	1,2,3,4,5,6,7	F-009		700		
05/07/2024	1,2,3,4,5,6,7	F-001		6000		
05/07/2024	1,2,3,4,5,6,7	F-002		23100	11500	L
05/07/2024	1,2,3,4,5,6,7	F-007		4000		
05/07/2024	1,2,3,4,5,6,7	F-008		7100		
05/07/2024	1,2,3,4,5,6,7	F-009		700		
05/08/2024	1,2,3,4,5,6,7	F-001		8600		
05/08/2024	1,2,3,4,5,6,7	F-002		11600	9400	L
05/08/2024	1,2,3,4,5,6,7	F-007		4000		
05/08/2024	1,2,3,4,5,6,7	F-008		7100		
05/08/2024	1,2,3,4,5,6,7	F-009		700		
05/09/2024	1,2,3,4,5,6,7	F-001		11300		
05/09/2024	1,2,3,4,5,6,7	F-002		2200		

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

Permit No. 073-00045

McCracken County, Kentucky

Month May Year 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
05/09/2024	1,2,3,4,5,6,7	F-007		4000		
05/09/2024	1,2,3,4,5,6,7	F-008		7100		
05/09/2024	1,2,3,4,5,6,7	F-009		700		
05/13/2024	1,2,3,4,5,6,7	F-001		18200	9300	L
05/13/2024	1,2,3,4,5,6,7	F-002		2200		
05/13/2024	1,2,3,4,5,6,7	F-007		4000		
05/13/2024	1,2,3,4,5,6,7	F-008		7100		
05/13/2024	1,2,3,4,5,6,7	F-009		700		
05/14/2024	1,2,3,4,5,6,7	F-001		8900		
05/14/2024	1,2,3,4,5,6,7	F-002		3000		
05/14/2024	1,2,3,4,5,6,7	F-007		4000		
05/14/2024	1,2,3,4,5,6,7	F-008		7100		
05/14/2024	1,2,3,4,5,6,7	F-009		700		
05/15/2024	1,2,3,4,5,6,7	F-001		8900		
05/15/2024	1,2,3,4,5,6,7	F-002		9100		
05/15/2024	1,2,3,4,5,6,7	F-007		4000		
05/15/2024	1,2,3,4,5,6,7	F-008		7100		
05/15/2024	1,2,3,4,5,6,7	F-009		700		
05/16/2024	1,2,3,4,5,6,7	F-001		8900		
05/16/2024	1,2,3,4,5,6,7	F-002		11600	9200	L
05/16/2024	1,2,3,4,5,6,7	F-007		4000		
05/16/2024	1,2,3,4,5,6,7	F-008		7100		
05/16/2024	1,2,3,4,5,6,7	F-009		700		
05/20/2024	1,2,3,4,5,6,7	F-001		15600	10800	L
05/20/2024	1,2,3,4,5,6,7	F-002		2400		
05/20/2024	1,2,3,4,5,6,7	F-007		4000		
05/20/2024	1,2,3,4,5,6,7	F-008		7100		

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

Permit No. 073-00045

McCracken County, Kentucky

Month May Year 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
05/20/2024	1,2,3,4,5,6,7	F-009		700		
05/21/2024	1,2,3,4,5,6,7	F-001		4800		
05/21/2024	1,2,3,4,5,6,7	F-002		3200		
05/21/2024	1,2,3,4,5,6,7	F-007		4000		
05/21/2024	1,2,3,4,5,6,7	F-008		7100		
05/21/2024	1,2,3,4,5,6,7	F-009		700		
05/22/2024	1,2,3,4,5,6,7	F-001		4800		
05/22/2024	1,2,3,4,5,6,7	F-002		5000		
05/22/2024	1,2,3,4,5,6,7	F-007		4000		
05/22/2024	1,2,3,4,5,6,7	F-008		7100		
05/22/2024	1,2,3,4,5,6,7	F-009		700		
05/23/2024	1,2,3,4,5,6,7	F-001		4800		
05/23/2024	1,2,3,4,5,6,7	F-002		6300		
05/23/2024	1,2,3,4,5,6,7	F-007		4000		
05/23/2024	1,2,3,4,5,6,7	F-008		7100		
05/23/2024	1,2,3,4,5,6,7	F-009		700		
05/28/2024	1,2,3,4,5,6,7	F-001		4800		
05/28/2024	1,2,3,4,5,6,7	F-002		25200	15000	L
05/28/2024	1,2,3,4,5,6,7	F-007		4000		
05/28/2024	1,2,3,4,5,6,7	F-008		12400		
05/28/2024	1,2,3,4,5,6,7	F-009		700		
05/29/2024	1,2,3,4,5,6,7	F-001		7500		
05/29/2024	1,2,3,4,5,6,7	F-002		10200	8000	L
05/29/2024	1,2,3,4,5,6,7	F-007		4000		
05/29/2024	1,2,3,4,5,6,7	F-008		12400		
05/29/2024	1,2,3,4,5,6,7	F-009		700		
05/30/2024	1,2,3,4,5,6,7	F-001		10200		

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

Permit No. 073-00045

McCracken County, Kentucky

Month May Year 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
05/30/2024	1,2,3,4,5,6,7	F-002		2200		
05/30/2024	1,2,3,4,5,6,7	F-007		4000		
05/30/2024	1,2,3,4,5,6,7	F-008		12400		
05/30/2024	1,2,3,4,5,6,7	F-009		700		

SR 05-30-24

\* 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 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
06/03/2024	1,2,3,4,5,6,7	F-001		26800		
06/03/2024	1,2,3,4,5,6,7	F-002		11900		
06/03/2024	1,2,3,4,5,6,7	F-007		4000		
06/03/2024	1,2,3,4,5,6,7	F-008		12400		
06/03/2024	1,2,3,4,5,6,7	F-009		700		
06/04/2024	1,2,3,4,5,6,7	F-001		26800	14900	L
06/04/2024	1,2,3,4,5,6,7	F-002		15600		
06/04/2024	1,2,3,4,5,6,7	F-007		4000		
06/04/2024	1,2,3,4,5,6,7	F-008		12400		
06/04/2024	1,2,3,4,5,6,7	F-009		700		
06/05/2024	1,2,3,4,5,6,7	F-001		11900	10200	L
06/05/2024	1,2,3,4,5,6,7	F-002		18200		
06/05/2024	1,2,3,4,5,6,7	F-007		4000		
06/05/2024	1,2,3,4,5,6,7	F-008		12400		
06/05/2024	1,2,3,4,5,6,7	F-009		700		
06/06/2024	1,2,3,4,5,6,7	F-001		1700		
06/06/2024	1,2,3,4,5,6,7	F-002		20700	11000	L
06/06/2024	1,2,3,4,5,6,7	F-007		4000		
06/06/2024	1,2,3,4,5,6,7	F-008		12400		
06/06/2024	1,2,3,4,5,6,7	F-009		700		
06/10/2024	1,2,3,4,5,6,7	F-001		10500		
06/10/2024	1,2,3,4,5,6,7	F-002		9700		
06/10/2024	1,2,3,4,5,6,7	F-007		4000		
06/10/2024	1,2,3,4,5,6,7	F-008		12400		
06/10/2024	1,2,3,4,5,6,7	F-009		700		
06/11/2024	1,2,3,4,5,6,7	F-001		13000	10900	L
06/11/2024	1,2,3,4,5,6,7	F-002		9700		

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

Permit No. 073-00045

McCracken County, Kentucky

Month June Year 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
06/11/2024	1,2,3,4,5,6,7	F-007		4000		
06/11/2024	1,2,3,4,5,6,7	F-008		12400		
06/11/2024	1,2,3,4,5,6,7	F-009		700		
06/12/2024	1,2,3,4,5,6,7	F-001		2100		
06/12/2024	1,2,3,4,5,6,7	F-002		11300		
06/12/2024	1,2,3,4,5,6,7	F-007		4000		
06/12/2024	1,2,3,4,5,6,7	F-008		12400	9800	L
06/12/2024	1,2,3,4,5,6,7	F-009		700		
06/13/2024	1,2,3,4,5,6,7	F-001		2100		
06/13/2024	1,2,3,4,5,6,7	F-002		13000		
06/13/2024	1,2,3,4,5,6,7	F-007		4000		
06/13/2024	1,2,3,4,5,6,7	F-008		2600		
06/13/2024	1,2,3,4,5,6,7	F-009		700		
06/17/2024	1,2,3,4,5,6,7	F-001		2100		
06/17/2024	1,2,3,4,5,6,7	F-002		18500		
06/17/2024	1,2,3,4,5,6,7	F-007		4000		
06/17/2024	1,2,3,4,5,6,7	F-008		2600		
06/17/2024	1,2,3,4,5,6,7	F-009		700		
06/18/2024	1,2,3,4,5,6,7	F-001		2100		
06/18/2024	1,2,3,4,5,6,7	F-002		20200	11600	L
06/18/2024	1,2,3,4,5,6,7	F-007		4000		
06/18/2024	1,2,3,4,5,6,7	F-008		2600		
06/18/2024	1,2,3,4,5,6,7	F-009		700		
06/20/2024	1,2,3,4,5,6,7	F-001		4600		
06/20/2024	1,2,3,4,5,6,7	F-002		8600		
06/20/2024	1,2,3,4,5,6,7	F-007		4000		
06/20/2024	1,2,3,4,5,6,7	F-008		2600		

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

Permit No. 073-00045

McCracken County, Kentucky

Month June Year 2024

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
06/20/2024	1,2,3,4,5,6,7	F-009		700		
06/24/2024	1,2,3,4,5,6,7	F-001		9700		
06/24/2024	1,2,3,4,5,6,7	F-002		8600		
06/24/2024	1,2,3,4,5,6,7	F-007		4000		
06/24/2024	1,2,3,4,5,6,7	F-008		2600		
06/24/2024	1,2,3,4,5,6,7	F-009		700		
06/25/2024	1,2,3,4,5,6,7	F-001		11300		
06/25/2024	1,2,3,4,5,6,7	F-002		8600	1800	L
06/25/2024	1,2,3,4,5,6,7	F-007		4000		
06/25/2024	1,2,3,4,5,6,7	F-008		2600		
06/25/2024	1,2,3,4,5,6,7	F-009		700		
06/26/2024	1,2,3,4,5,6,7	F-001		12200		
06/26/2024	1,2,3,4,5,6,7	F-002		6800		
06/26/2024	1,2,3,4,5,6,7	F-007		4000		
06/26/2024	1,2,3,4,5,6,7	F-008		2600		
06/26/2024	1,2,3,4,5,6,7	F-009		700		
06/27/2024	1,2,3,4,5,6,7	F-001		13900		
06/27/2024	1,2,3,4,5,6,7	F-002		6800		
06/27/2024	1,2,3,4,5,6,7	F-007		4000		
06/27/2024	1,2,3,4,5,6,7	F-008		2600		
06/27/2024	1,2,3,4,5,6,7	F-009		700		
<i>RBJ 6-27-24</i>						



**THIS PAGE INTENTIONALLY LEFT BLANK**

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="2024"/>
---	--	---	--

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	313.57	0	0	Delete
+						

Total tonnage: 313.57

<b>Total Fee :</b>	<input type="text" value="548.748"/>
--------------------	--------------------------------------

\*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	Program Manager		
First Name:(*) Myrna		M.I.: E	Last Name:(*) Redfield		
eMail Address:(*) Myrna.Redfield@pad.pppo.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"/>					