



Department of Energy

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

JAN 13 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-02-10002920-20B

Dear Ms. Nielsen:

**C-746-S&T AND C-746-U SOLID WASTE LANDFILLS FOURTH QUARTER
CALENDAR YEAR 2019 WASTE OPERATING REPORT, PADUCAH GASEOUS
DIFFUSION PLANT, PADUCAH, KENTUCKY, FRNP-RPT-0089/V4, SOLID WASTE
PERMIT NO. SW07300014, SW07300015, SW07300045, AGENCY INTEREST NO. 3059**

The U.S. Department of Energy has prepared the fourth quarter operating report for calendar year 2019 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 and C-746-U Landfills.

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

Sincerely,

A handwritten signature in black ink that reads "Jennifer Woodard". The signature is written in a cursive, flowing style.

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 4th Qtr. CY19 Waste Operating Report, FRNP-RPT-0089/V4

cc w/enclosures:


abigail.parish@pppo.gov, PPPO
april.ladd@pppo.gov, PPPO
brian.begley@ky.gov, KDEP
bruce.ford@pad.pppo.gov, FRNP
danny.anderson@ky.gov, KDEP
dave.dollins@pppo.gov, PPPO
david.ruckstuhl@pad.pppo.gov, FRNP
dennis.greene@pad.pppo.gov, FRNP
frnpcorrespondence@pad.pppo.gov
gary.hines@pad.pppo.gov, FRNP
james.miller@pad.pppo.gov, FRNP
jennifer.woodard@pppo.gov, PPPO
jerry.arnzen@pad.pppo.gov, FRNP
joel.bradburne@pppo.gov, PPPO
kelly.layne@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

CERTIFICATION

Document Identification: *C-746-S&T and C-746-U Solid Waste Landfills Fourth Quarter Calendar Year 2019 Waste Operating Report, Paducah Gaseous Diffusion Plant, Paducah, Kentucky, FRNP-RPT-0089/V4, Solid Waste Permit SW07300014, SW07300015, SW07300045, Agency Interest No. 3059, January 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)



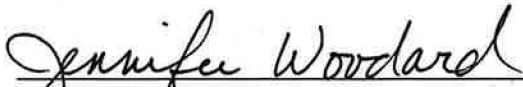
Myrna E. Redfield, Program Manager
Four Rivers Nuclear Partnership, LLC

1/10/2020

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

1/10/2020

Date Signed

**C-746-S&T and C-746-U Solid Waste Landfills
Fourth Quarter Calendar Year 2019
Waste Operating Report
Paducah Gaseous Diffusion Plant,
Paducah, Kentucky**



This document is approved for public release per review by:

David Hayden
FRNP Classification Support

1-9-20
Date

**C-746-S&T and C-746-U Solid Waste Landfills
Fourth Quarter Calendar Year 2019
Waste Operating Report
Paducah Gaseous Diffusion Plant,
Paducah, Kentucky**

Date Issued—January 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 fourth quarter of calendar year 2019 for the Paducah Gaseous Diffusion Plant, McCracken County, Kentucky.

In the fourth quarter of calendar year 2019, a total of 288.42 tons of industrial waste was disposed of in the C-746-U Contained Landfill. There were 8.3 tons of asbestos-containing materials disposed of as part of the 288.42 total tons of waste dispositioned. No special waste or spill-residue-containing materials were disposed of in the landfill this quarter.

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 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)].

Leachate Collection and Disposition

A total 173,000 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. 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.

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"

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

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

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COVER LOG

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CP3-WM-0017-F02 - COVER LOG

DEPARTMENT OF ENERGY

PERMIT NUMBER: 073-00045

COUNTY: McCracken

Month & Year: October 2019

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

CP3-WM-0017-F02 - COVER LOG

DEPARTMENT OF ENERGY

PERMIT NUMBER: 073-00045

COUNTY: McCracken

Month & Year: November 2019

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	D-2	YES	NO	NO	NO	YES
19	D-2	YES	YES	NO	NO	YES
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: December 2019

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	D-1	YES	YES	NO	NO	YES
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						

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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 October Year 2019

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
10-01-19	1,2,3,4,5	F-001		1700		
10-01-19	1,2,3,4,5	F-002		1400		
10-01-19	1,2,3,4,5	F-007		1200		
10-01-19	1,2,3,4,5	F-008		1200		
10-01-19	1,2,3,4,5	F-009		600		
10-02-19	1,2,3,4,5	F-001		1700	1000	L
10-02-19	1,2,3,4,5	F-002		2200		
10-02-19	1,2,3,4,5	F-007		1200		
10-02-19	1,2,3,4,5	F-008		1200		
10-02-19	1,2,3,4,5	F-009		600		
10-03-19	1,2,3,4,5	F-001		700		
10-03-19	1,2,3,4,5	F-002		3500		
10-03-19	1,2,3,4,5	F-007		1200		
10-03-19	1,2,3,4,5	F-008		1200		
10-03-19	1,2,3,4,5	F-009		600		
10-07-19	1,2,3,4,5	F-001		700		
10-07-19	1,2,3,4,5	F-002		5700		
10-07-19	1,2,3,4,5	F-007		1200		
10-07-19	1,2,3,4,5	F-008		1200		
10-07-19	1,2,3,4,5	F-009		600		
10-08-19	1,2,3,4,5	F-001		700		
10-08-19	1,2,3,4,5	F-002		7000		
10-08-19	1,2,3,4,5	F-007		1200		
10-08-19	1,2,3,4,5	F-008		1200		
10-08-19	1,2,3,4,5	F-009		600		
10-09-19	1,2,3,4,5	F-001		700		
10-09-19	1,2,3,4,5	F-002		7700		

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

Permit No. 073-00045

McCracken County, Kentucky

Month October Year 2019

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
10-09-19	1,2,3,4,5	F-007		1200		
10-09-19	1,2,3,4,5	F-008		1200		
10-09-19	1,2,3,4,5	F-009		600		
10-10-19	1,2,3,4,5	F-001		700		
10-10-19	1,2,3,4,5	F-002		8500		
10-10-19	1,2,3,4,5	F-007		1200		
10-10-19	1,2,3,4,5	F-008		1200		
10-10-19	1,2,3,4,5	F-009		600		
10-14-19	1,2,3,4,5	F-001		700		
10-14-19	1,2,3,4,5	F-002		11200		
10-14-19	1,2,3,4,5	F-007		1200		
10-14-19	1,2,3,4,5	F-008		1200		
10-14-19	1,2,3,4,5	F-009		600		
10-15-19	1,2,3,4,5	F-001		700		
10-15-19	1,2,3,4,5	F-002		11900		
10-15-19	1,2,3,4,5	F-007		1200		
10-15-19	1,2,3,4,5	F-008		1200		
10-15-19	1,2,3,4,5	F-009		600		
10-16-19	1,2,3,4,5	F-001		700		
10-16-19	1,2,3,4,5	F-002		12600		
10-16-19	1,2,3,4,5	F-007		1200		
10-16-19	1,2,3,4,5	F-008		1200		
10-16-19	1,2,3,4,5	F-009		600		
10-17-19	1,2,3,4,5	F-001		700		
10-17-19	1,2,3,4,5	F-002		13400	6300	L
10-17-19	1,2,3,4,5	F-007		1200		
10-17-19	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 October Year 2019

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
10-17-19	1,2,3,4,5	F-009		600		
10-21-19	1,2,3,4,5	F-001		3000		
10-21-19	1,2,3,4,5	F-002		7100	5100	L
10-21-19	1,2,3,4,5	F-007		1200		
10-21-19	1,2,3,4,5	F-008		1200		
10-21-19	1,2,3,4,5	F-009		600		
10-22-19	1,2,3,4,5	F-001		4700		
10-22-19	1,2,3,4,5	F-002		2000		
10-22-19	1,2,3,4,5	F-007		1200		
10-22-19	1,2,3,4,5	F-008		1200		
10-22-19	1,2,3,4,5	F-009		600		
10-23-19	1,2,3,4,5	F-001		5800		
10-23-19	1,2,3,4,5	F-002		2000		
10-23-19	1,2,3,4,5	F-007		1200		
10-23-19	1,2,3,4,5	F-008		1200		
10-23-19	1,2,3,4,5	F-009		600		
10-24-19	1,2,3,4,5	F-001		6500		
10-24-19	1,2,3,4,5	F-002		2000		
10-24-19	1,2,3,4,5	F-007		1200		
10-24-19	1,2,3,4,5	F-008		1200		
10-24-19	1,2,3,4,5	F-009		600		
10-28-19	1,2,3,4,5	F-001		17400	5800	L
10-28-19	1,2,3,4,5	F-002		2000		
10-28-19	1,2,3,4,5	F-007		1200		
10-28-19	1,2,3,4,5	F-008		1200		
10-28-19	1,2,3,4,5	F-009		600		
10-29-19	1,2,3,4,5	F-001		11600	3500	L

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

Permit No. 073-00045

McCracken County, Kentucky

Month November Year 2019

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
11-04-19	1,2,3,4,5	F-001		8100		
11-04-19	1,2,3,4,5	F-002		16500	5200	L
11-04-19	1,2,3,4,5	F-007		1200		
11-04-19	1,2,3,4,5	F-008		1200		
11-04-19	1,2,3,4,5	F-009		600		
11-05-19	1,2,3,4,5	F-001		9100		
11-05-19	1,2,3,4,5	F-002		11300	3300	L
11-05-19	1,2,3,4,5	F-007		1200		
11-05-19	1,2,3,4,5	F-008		1200		
11-05-19	1,2,3,4,5	F-009		600		
11-06-19	1,2,3,4,5	F-001		10500		
11-06-19	1,2,3,4,5	F-002		8000	5000	L
11-06-19	1,2,3,4,5	F-007		1200		
11-06-19	1,2,3,4,5	F-008		1200		
11-06-19	1,2,3,4,5	F-009		600		
11-07-19	1,2,3,4,5	F-001		15300	5000	L
11-07-19	1,2,3,4,5	F-002		3000		
11-07-19	1,2,3,4,5	F-007		1200		
11-07-19	1,2,3,4,5	F-008		1200		
11-07-19	1,2,3,4,5	F-009		600		
11-11-19	1,2,3,4,5	F-001		10500		
11-11-19	1,2,3,4,5	F-002		25200		
11-11-19	1,2,3,4,5	F-007		1200		
11-11-19	1,2,3,4,5	F-008		1200		
11-11-19	1,2,3,4,5	F-009		600		
11-12-19	1,2,3,4,5	F-001		10500		
11-12-19	1,2,3,4,5	F-002		27300		

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

Permit No. 073-00045

McCracken County, Kentucky

Month November Year 2019

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
11-12-19	1,2,3,4,5	F-007		1200		
11-12-19	1,2,3,4,5	F-008		1200		
11-12-19	1,2,3,4,5	F-009		600		
11-13-19	1,2,3,4,5	F-001		10500		
11-13-19	1,2,3,4,5	F-002		29500	7200	L
11-13-19	1,2,3,4,5	F-007		1200		
11-13-19	1,2,3,4,5	F-008		1200		
11-13-19	1,2,3,4,5	F-009		600		
11-14-19	1,2,3,4,5	F-001		13300		
11-14-19	1,2,3,4,5	F-002		22300	7000	L
11-14-19	1,2,3,4,5	F-007		1200		
11-14-19	1,2,3,4,5	F-008		1200		
11-14-19	1,2,3,4,5	F-009		600		
11-18-19	1,2,3,4,5	F-001		21300		
11-18-19	1,2,3,4,5	F-002		15300	7500	L
11-18-19	1,2,3,4,5	F-007		1200		
11-18-19	1,2,3,4,5	F-008		1200		
11-18-19	1,2,3,4,5	F-009		600		
11-19-19	1,2,3,4,5	F-001		23100	7500	L
11-19-19	1,2,3,4,5	F-002		7800		
11-19-19	1,2,3,4,5	F-007		1200		
11-19-19	1,2,3,4,5	F-008		1200		
11-19-19	1,2,3,4,5	F-009		600		
11-20-19	1,2,3,4,5	F-001		15600	7800	L
11-20-19	1,2,3,4,5	F-002		9100		
11-20-19	1,2,3,4,5	F-007		1200		
11-20-19	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 December Year 2019

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
12-02-19	1,2,3,4,5	F-001		20200		
12-02-19	1,2,3,4,5	F-002		29800	3600	L
12-02-19	1,2,3,4,5	F-007		1200		
12-02-19	1,2,3,4,5	F-008		1200		
12-02-19	1,2,3,4,5	F-009		600		
12-03-19	1,2,3,4,5	F-001		24900		
12-03-19	1,2,3,4,5	F-002		26200	7400	L
12-03-19	1,2,3,4,5	F-007		1200		
12-03-19	1,2,3,4,5	F-008		1200		
12-03-19	1,2,3,4,5	F-009		600		
12-04-19	1,2,3,4,5	F-001		29600	7500	L
12-04-19	1,2,3,4,5	F-002		18800		
12-04-19	1,2,3,4,5	F-007		1200		
12-04-19	1,2,3,4,5	F-008		1200		
12-04-19	1,2,3,4,5	F-009		600		
12-05-19	1,2,3,4,5	F-001		22100		
12-05-19	1,2,3,4,5	F-002		22300	6400	L
12-05-19	1,2,3,4,5	F-007		1200		
12-05-19	1,2,3,4,5	F-008		1200		
12-05-19	1,2,3,4,5	F-009		600		
12-09-19	1,2,3,4,5	F-001		29600	2100	L
12-09-19	1,2,3,4,5	F-002		19000		
12-09-19	1,2,3,4,5	F-007		1200		
12-09-19	1,2,3,4,5	F-008		1200		
12-09-19	1,2,3,4,5	F-009		600		
12-10-19	1,2,3,4,5	F-001		27700	2300	L
12-10-19	1,2,3,4,5	F-002		21800		

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

Permit No. 073-00045

McCracken County, Kentucky

Month December Year 2019

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
12-10-19	1,2,3,4,5	F-007		1200		
12-10-19	1,2,3,4,5	F-008		1200		
12-10-19	1,2,3,4,5	F-009		600		
12-11-19	1,2,3,4,5	F-001		25400	6400	L
12-11-19	1,2,3,4,5	F-002		23900		
12-11-19	1,2,3,4,5	F-007		1200		
12-11-19	1,2,3,4,5	F-008		1200		
12-11-19	1,2,3,4,5	F-009		600		
12-12-19	1,2,3,4,5	F-001		19000	8500	L
12-12-19	1,2,3,4,5	F-002		26200		
12-12-19	1,2,3,4,5	F-007		1200		
12-12-19	1,2,3,4,5	F-008		1200		
12-12-19	1,2,3,4,5	F-009		600		
12-16-19	1,2,3,4,5	F-001		11300		
12-16-19	1,2,3,4,5	F-002		30400	11100	L
12-16-19	1,2,3,4,5	F-007		1200		
12-16-19	1,2,3,4,5	F-008		1200		
12-16-19	1,2,3,4,5	F-009		600		
12-17-19	1,2,3,4,5	F-001		13600		
12-17-19	1,2,3,4,5	F-002		19300	5700	L
12-17-19	1,2,3,4,5	F-007		1200		
12-17-19	1,2,3,4,5	F-008		1200		
12-17-19	1,2,3,4,5	F-009		600		
12-18-19	1,2,3,4,5	F-001		17600		
12-18-19	1,2,3,4,5	F-002		13600	7300	L
12-18-19	1,2,3,4,5	F-007		1200		
12-18-19	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 December Year 2019

Date	Phase	Collection Tank Number	Mobile Tanker	Tank Volume (Gallons)	Disposal Volume (Gallons)	Disposal Method*
12-18-19	1,2,3,4,5	F-009		600		
12-19-19	1,2,3,4,5	F-001		21500	9000	L
12-19-19	1,2,3,4,5	F-002		6300		
12-19-19	1,2,3,4,5	F-007		1200		
12-19-19	1,2,3,4,5	F-008		1200		
12-19-19	1,2,3,4,5	F-009		600		
12-23-19	1,2,3,4,5	F-001		12500		
12-23-19	1,2,3,4,5	F-002		14200		
12-23-19	1,2,3,4,5	F-007		1200		
12-23-19	1,2,3,4,5	F-008		1200		
12-23-19	1,2,3,4,5	F-009		600		
12-26-19	1,2,3,4,5	F-001		12500		
12-26-19	1,2,3,4,5	F-002		23700	7800	L
12-26-19	1,2,3,4,5	F-007		1200		
12-26-19	1,2,3,4,5	F-008		1200		
12-26-19	1,2,3,4,5	F-009		600		
12-30-19	1,2,3,4,5	F-001		30000	3600	L
12-30-19	1,2,3,4,5	F-002		19000		
12-30-19	1,2,3,4,5	F-007		1200		
12-30-19	1,2,3,4,5	F-008		1200		
12-30-19	1,2,3,4,5	F-009		600		
12-31-19	1,2,3,4,5	F-001		26400	7100	L
12-31-19	1,2,3,4,5	F-002		26800		
12-31-19	1,2,3,4,5	F-007		1200		
12-31-19	1,2,3,4,5	F-008		1200		
12-31-19	1,2,3,4,5	F-009		600		
		<i>Tommy Smith</i>		<i>12-31-19</i>		



RECEIVED
By Carolee Thompson at 1:17 pm, Jan 13, 2020

Department of Energy

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

JAN 13 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-02-10002921-20B

Dear Ms. Nielsen:

**C-746-U SOLID WASTE LANDFILL FOURTH QUARTER CALENDAR YEAR 2019
WASTE QUANTITY REPORT, SOLID WASTE PERMIT NO. SW07300014,
SW07300015, SW07300045, AGENCY INTEREST NO. 3059**

Enclosed is the subject report for the fourth quarter calendar year 2019. 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.

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:

Waste Quantity Report Form DEP 7046-Q for C-746-U Solid Waste Landfill 4th Qtr. CY19

cc w/enclosure:

abigail.parish@pppo.gov, PPPO
april.ladd@pppo.gov, PPPO
brian.begley@ky.gov, KDEP
bruce.ford@pad.pppo.gov, FRNP
danny.anderson@ky.gov, KDEP
dave.dollins@pppo.gov, PPPO
david.ruckstuhl@pad.pppo.gov, FRNP
dennis.greene@pad.pppo.gov, FRNP
frnpcorrespondence@pad.pppo.gov
gary.hines@pad.pppo.gov, FRNP
james.miller@pad.pppo.gov, FRNP
jennifer.woodard@pppo.gov, PPPO
jerry.arnzen@pad.pppo.gov, FRNP
joel.bradburne@pppo.gov, PPPO
kelly.layne@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

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

U.S. Department of Energy-
 Facility Name: Paducah Gaseous Diffusion Plant Permit Number: SW07300014, SW07300015, SW07300045
 County where landfill is located: McCracken Agency Interest Number: 3059
 Report for the Months of: October, November, December For the Year of: 2019

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 (October)	0.00	88.19	0.00	0.00
Paducah Gaseous Diffusion Plant, McCracken County, Kentucky (November)	0.00	191.93	0.00	0.00
Paducah Gaseous Diffusion Plant, McCracken County, Kentucky (December)	0.00	8.30	0.00	0.00
Total for this page	0.00	288.42	0.00	0.00
Grand Total of all pages	0.00	288.42	0.00	0.00

*Grand Total of Municipal, Industrial, and Special from all pages 288.42

*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.

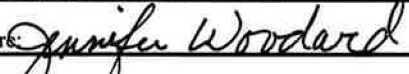
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible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

Phone Number: (270) 441-5113

Name - Please Print: Myrna E. Redfield

Date: 1/10/2020

Signature: 

Phone Number: (270) 441-6800

Name - Please Print: Jennifer Woodard

Date: 1/10/2020

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).