

Application Type New
Facility Type CAFO
Permit Type Individual

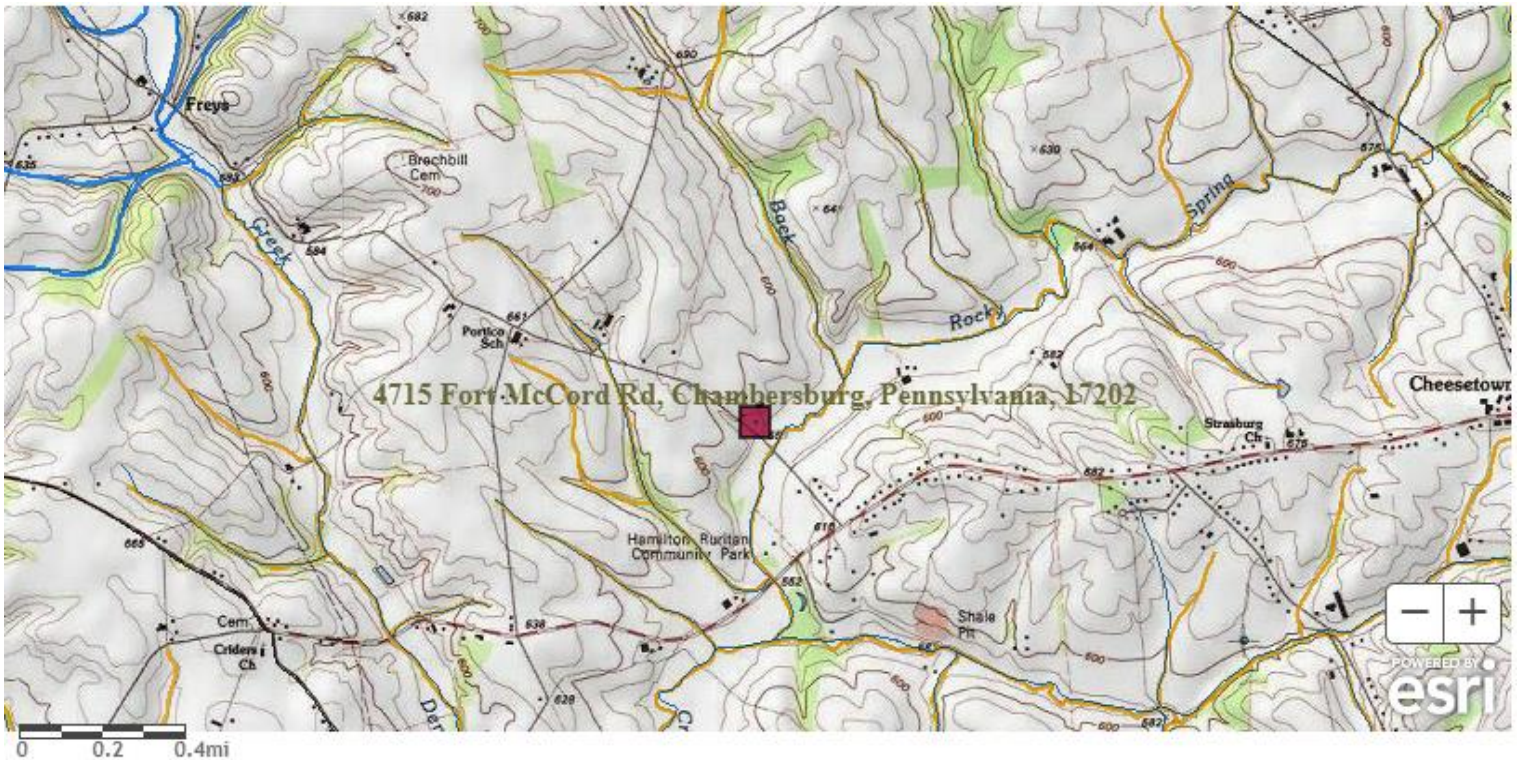
**NPDES PERMIT FACT SHEET
CAFOs**

Application No. PA0294098
APS ID 1088486
Authorization ID 1439685

Applicant and Facility Information

Applicant Name	<u>Wesley Burkholder</u>	Farm Name	<u>Wesley Burkholder Turkey Farm</u>
Applicant Address	<u>4715 Fort McCord Road</u> <u>Chambersburg, PA 17202-9559</u>	Farm Address	<u>4715 Fort McCord Road</u> <u>Chambersburg, PA 17202-9559</u>
Applicant Contact	<u>Wesley Burkholder</u>	Farm Contact	<u>Wesley Burkholder</u>
Applicant Phone	<u>(717) 660-1775</u>	Farm Phone	<u>(717) 660-1775</u>
Client ID	<u>377203</u>	Site ID	<u>864651</u>
SIC Code	<u>0253</u>	Municipality	<u>Hamilton Township</u>
SIC Description	<u>Agriculture - Turkeys And Turkey Eggs</u>	County	<u>Franklin</u>
Date Application Received	<u>May 9, 2023</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>June 28, 2023</u>	WQM App. No.	<u>N/A</u>

Project Description Wesley Burkholder submitted an application for new CAFO permit coverage for his proposed turkey operation.



Approve	Deny	Signatures	Date
x		Hans D. Shollenberger Hans D. Shollenberger / Environmental Engineering Specialist	August 11, 2023
x		Scott M Arwood Scott M. Arwood, P.E. / Environmental Engineer Manager	8/11/2023

Description:

Wesley Burkholder submitted an application for new CAFO permit coverage for his proposed turkey operation located in Hamilton Township, Franklin County. The operation is proposing the construction of 2 turkey barns. The operation will be considered a CAO for exceeding 8 AEUs while exceeding an animal density of 2 AEUs/Acre. The operation will be considered a large CAFO for being a CAO exceeding 300 AEUs. The operation will have the following animal population:

Animal Type	Number	AEUs
Turkey, tom brooder: 0-6 wk.	18,900	21.92
Turkey, tom: 6–18 wk.	18,900	384.40
	Total AEUs =	406.32

The nearest receiving water is Back Creek, designated as Trout Stocked Fishes and Migratory Fishes (TSF, MF), located in Watershed 13-C. This stream is impaired by pathogens of an unknown source, grazing in riparian or shoreline zones siltation, and from an unknown source of turbidity. While the operation is not located in a High Quality Watershed, the Department's Individual CAFO permit is required due to the PAG12 General permit being in a period of administrative extension.

Manure/Nutrient Management:

The current NMP was approved on June 14, 2023, for crop years 2024, 2025, and 2026. There are 0 acres available on lands owned and/or rented by the applicant for manure application according to the NMP, resulting in a density of 406.32 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Turkey Litter	964.0 tons	0.0	964.0 tons

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Kent Martin Broker [1741-MB2] 4847 Iron Bridge Road, Waynesboro, PA 17268	241 tons Turkey	241 tons Turkey	241 tons Turkey	241 tons Turkey

All manure generated on site will be exported to a certified manure broker per agreement.

The following requirements must be met when transferring manure to other persons:

40 CFR 122.42(e)(3) - Requirements relating to transfer of manure or process wastewater to other persons.

Prior to transferring manure, litter, or process wastewater to other persons, Large CAFOs must provide the recipient of the manure, litter or process wastewater with the most current nutrient analysis. The analysis provided must be consistent with the requirements of 40 CFR part 412. Large CAFOs must retain for five years records of the date, recipient name and address, and approximate amount of manure, litter or process wastewater transferred to another person.

Winter Manure Management:

Application of manure during the winter period is not approved in the NMP.

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There are no liquid manure storage facilities located on this operation and therefore no minimum required freeboards that need to be met by December 15th to implement the NMP.

Manure Storage Facilities:

Storage	Type	Freeboard	Capacity
<i>Name</i>	<i>Liquid or solid</i>	<i>Minimum regulatory</i>	<i>Gallons or cubic feet</i>
There are no manure storage facilities on this operation			

Each turkey barn will be 700' x 86' with turkeys on the floor. Brooders are in one end and grow out will be in the opposite end of the barns. Solid turkey manure will be totally cleaned from the brooder end of the barn between each brooder group and every other group from the grow out end of the barn. Manure samples will be taken when manure is cleaned from the barn for export.

There are no planned alternative manure technology practices for this operation.

BMPs Applicable to the Chesapeake Bay TMDL:

DEP has evaluated the information included in the application materials; as well as the effluent limitations, BMPs, and other requirements included in the draft permit. This would include the approved Act 38 compliant Nutrient Management Plan, which includes Best Management Practices to meet Pennsylvania nutrient and manure management regulations, as well as Nutrient Balance Sheets for manure importers, applicable manure storage and manure spreading setback requirements, and Emergency Response Plan. Applicable Conservation Plans and/or Agricultural Erosion & Sediment Control Plans were also evaluated, which includes Best Management Practices to meet Pennsylvania erosion and sediment control regulations.

The applicant is implementing the following BMPs within the production area:

- Mortality Management (Mortalities are Incinerated)

There are no NRCS Practice Codes prescribed as BMPs in the approved 2024 to 2026 NMP.

Based upon this evaluation, DEP believes no additional BMPs will be required at this time to meet the goals and requirements of the Chesapeake Bay TMDL and to protect water quality criteria. This determination will be reevaluated through review of self-inspection reporting, annual reporting, and regular compliance inspections.

Animal Mortality:

The mortalities will be incinerated on site.

Animal Concentration Areas (Chapter 102.4a):

The operation does not have Animal Heavy Use Areas (AHUAs).

Chapter 102 E&S (Conservation Plans):

An agricultural E&S plan is not applicable to this operation, as there are no lands available for manure application.

Downstream Public Water Supplies:

Over 31 miles downstream of the operation, Conococheague Creek crosses the Pennsylvania/Maryland state border. The nearest public water supply intake is located in Maryland. This operation is not expected to impact any public water supplies.

Compliance History:

There are no open violations for this operation.

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Public Participation:

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.