

Application Type Renewal
Facility Type CAFO
Permit Type Individual

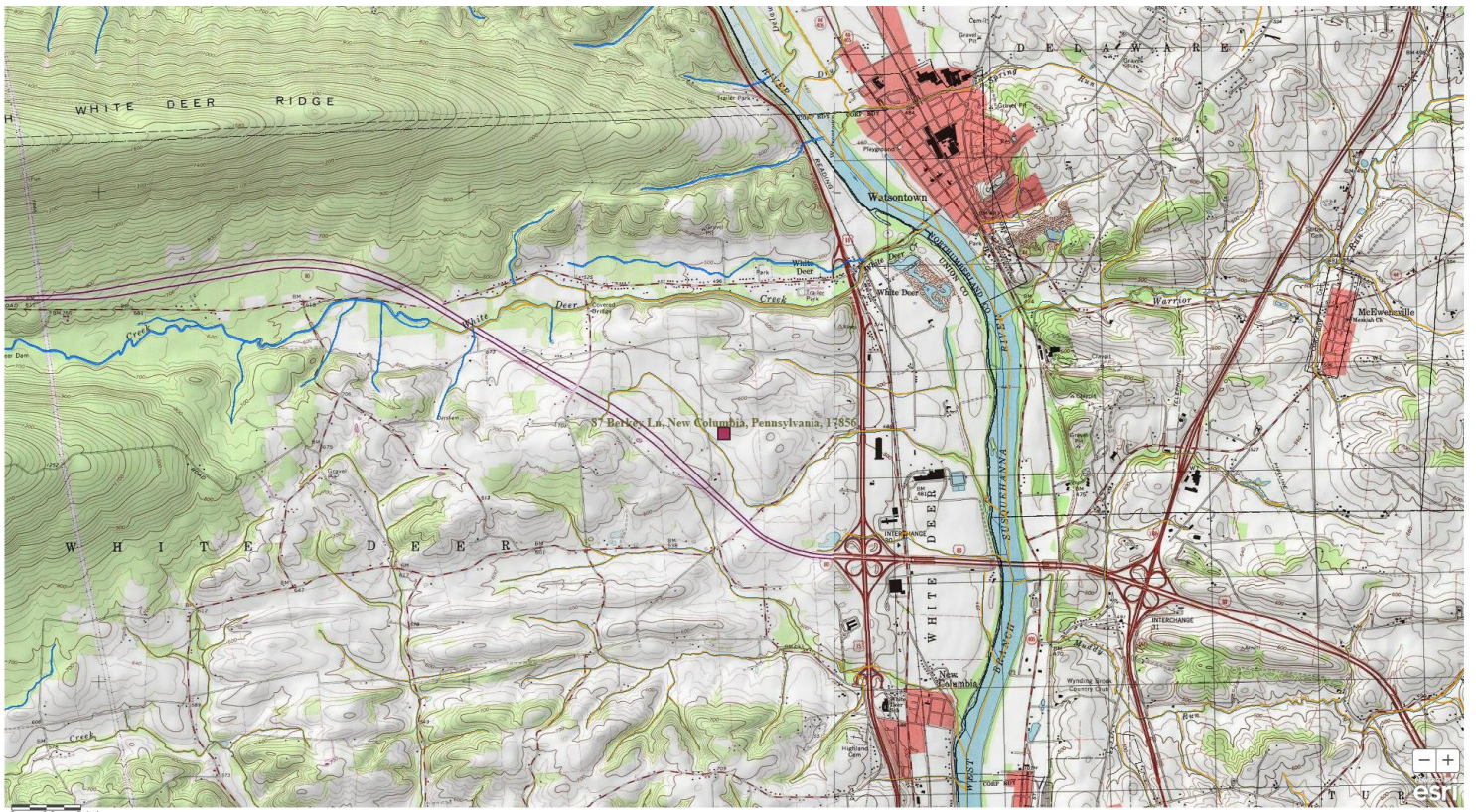
**NPDES PERMIT FACT SHEET
CAFOs**

Application No. PA0232327
APS ID 988330
Authorization ID 1431813

Applicant and Facility Information

Applicant Name	<u>Douglas E Groff & Alan D Groff</u>	Farm Name	<u>Still Waters Farm CAFO Union County</u>
Applicant Address	<u>87 Berkey Lane</u> <u>New Columbia, PA 17856-7001</u>	Farm Address	<u>190 Berkey Lane</u> <u>New Columbia, PA 17856-7002</u>
Applicant Contact	<u>Douglas Groff</u>	Farm Contact	<u>Douglas Groff</u>
Applicant Phone	<u>570-490-4162</u>	Farm Phone	<u>570-490-4162</u>
Client ID	<u>348389</u>	Site ID	<u>747149</u>
SIC Code	<u>0212,0213</u>	Municipality	<u>White Deer Township</u>
SIC Description	<u>Agriculture - Beef Cattle, Except Feedlots</u> <u>Agriculture - Hogs</u>	County	<u>Union</u>
Date Application Received	<u>March 13, 2023</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>April 5, 2023</u>	WQM App. No.	<u>6013201</u>

Project Description Douglas E Groff and Alan D Groff submitted an application to renew CAFO permit coverage for Still Waters Farm.



Approve	Deny	Signatures	Date
X		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Environmental Engineering Specialist	2/8/2024
X		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	2/8/2024

Description:

Douglas E Groff and Alan D Groff submitted an application to renew CAFO permit coverage for Still Waters Farm, their existing swine and beef operation located in White Deer Township, Union County. The operation is considered a CAO for exceeding 8 AEUs while exceeding an animal density of 2 AEUs/Acre. The operation is considered a large CAFO for being a CAO that exceeds 300 AEUs, for being an agricultural operation exceeding 1,000 AEUs, and for exceeding the EPA's large CAFO threshold of 2,500 swine each weighing 55 pounds or more.

The operation has the following animal population:

Animal Type	Number	AEUs
Swine grow finish: 10–28 wk.	9,600	1,453.81
Beef Cow	25	35.00
Medium Breed Ewe	12	2.10
Beef Replacement Heifer: 8 mo. - 1 yr.	25	12.50
Medium Breed Lamb: 0-1 yr.	12	0.71
	Total AEUs =	1,504.12

The receiving water is Tributary 19141 to West Branch Susquehanna River, designated as Warm Water Fishes and Migratory Fishes (WWF, MF), located in Watershed 10-C. This stream is impaired by agriculture siltation, highway/road/bridge runoff (non-construction related) siltation, and by pathogens of an unknown source.

Manure/Nutrient Management:

The current NMP was approved on September 14, 2022, for crop years 2023, 2024, and 2025. There are 21.5 acres available on lands owned by the applicant for manure application according to the NMP, resulting in a density of 69.96 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Swine Manure	1,900,000.0 gal	0.0	1,900,000.0 gal
Cattle	295.0 tons	0.0	295.0 tons
Cattle - uncollected	401.6 tons	401.6 tons	0.0
Swine Compost	40.0 tons	0.0	40.0 tons
Sheep - uncollected	22.3 tons	22.3 tons	0.0
Field Back Pasture - Grazing	371.9 tons	371.9 tons	0.0
Field Back Pasture A - Grazing	29.8 tons	29.8 tons	0.0
Field Sheep Pasture - Grazing	22.3 tons	22.3 tons	0.0

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Arlin Rishel 2538 New Columbia Rd., New Columbia PA 17856	308,100 gallons Swine	0	308,100 gallons Swine	0
Lucas Criswell 6229 Col. John Kelly Rd, Lewisburg PA 17837	901,140 gallons Swine	0	901,140 gallons Swine	0

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Platt Farms 125 Platt Ln., New Columbia PA 17856	0	0	0	0
PM Farms 125 Platt Ln., New Columbia PA 17856	636,900 gallons Swine	0	636,900 gallons Swine	0
Moser Farms 730 North Ridge Road Milton PA 17847	1,108,000 gallons Swine	0	1,108,000 gallons Swine	0
Quentin Shirk 826 Leiser Rd, New Columbia PA 17856	278,000 gallons Swine	278,000 gallons Swine	278,000 gallons Swine	0
Trent Kling 48 Newky Rd. New Columbia PA 17856	334,000 gallons Swine	0	334,000 gallons Swine	0

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.

Manure storage facilities should have adequate freeboard on December 15th to implement the NMP. Swine Underbarn 1 and Swine Underbarn 2 will need a minimum of 3.5 ft of freeboard by December 15th of each year to implement the NMP.

Manure Storage Facilities:

Storage	Type	Dimensions	Freeboard	Capacity
<i>Name</i>	<i>Liquid or solid</i>	<i>Ft</i>	<i>Minimum regulatory</i>	<i>Gallons or cubic feet</i>
Swine Underbarn 1	Liquid	499' 8" x 79'8" x 5.5'	0.5 ft	1.67 MG
Swine Underbarn 2	Liquid	499' 8" x 79'8" x 5.5'	0.5 ft	1.67 MG

The operation holds WQM permit #6013201.

The cattle manure stacking area is a roofed concrete lot measuring 40' x 56' x 7' with a storage area of 17,920 cu.ft.

There are no proposed manure storage facilities, no plans to in-field stack manure, and 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:

- Manure Storage Facilities (Swine Underbarn Storages)
- Mortality Management (Composting)

There are no NRCS Practice Codes prescribed as BMPs in the approved 2023 to 2025 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:

Swine and sheep mortalities are composted in a rotary composter with dimensions 20' x 60' x 7' (8,400 cu. Ft) located to the northeast of swine barn 1. Beef mortalities are buried at a suitable site or sent to a renderer.

Animal Concentration Areas (Chapter 102.4a):

Animal Heavy Use Areas (AHUAs) are designated in the NMP, and will be managed according the provisions of the NMP.

Chapter 102 E&S (Conservation Plans):

Agricultural E&S Plans have been included and verified to exist for land subjected to plowing and tilling activities.

Downstream Public Water Supplies:

The nearest downstream public water supply intake is located over 6 miles downstream on the Susquehanna River by PA American White Deer in Milton Borough. This CAFO is not expected to adversely impact any public water supplies.

Compliance History:

There are no open violations for this operation.

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.