

Application Type Renewal
Facility Type CAFO
Permit Type Individual

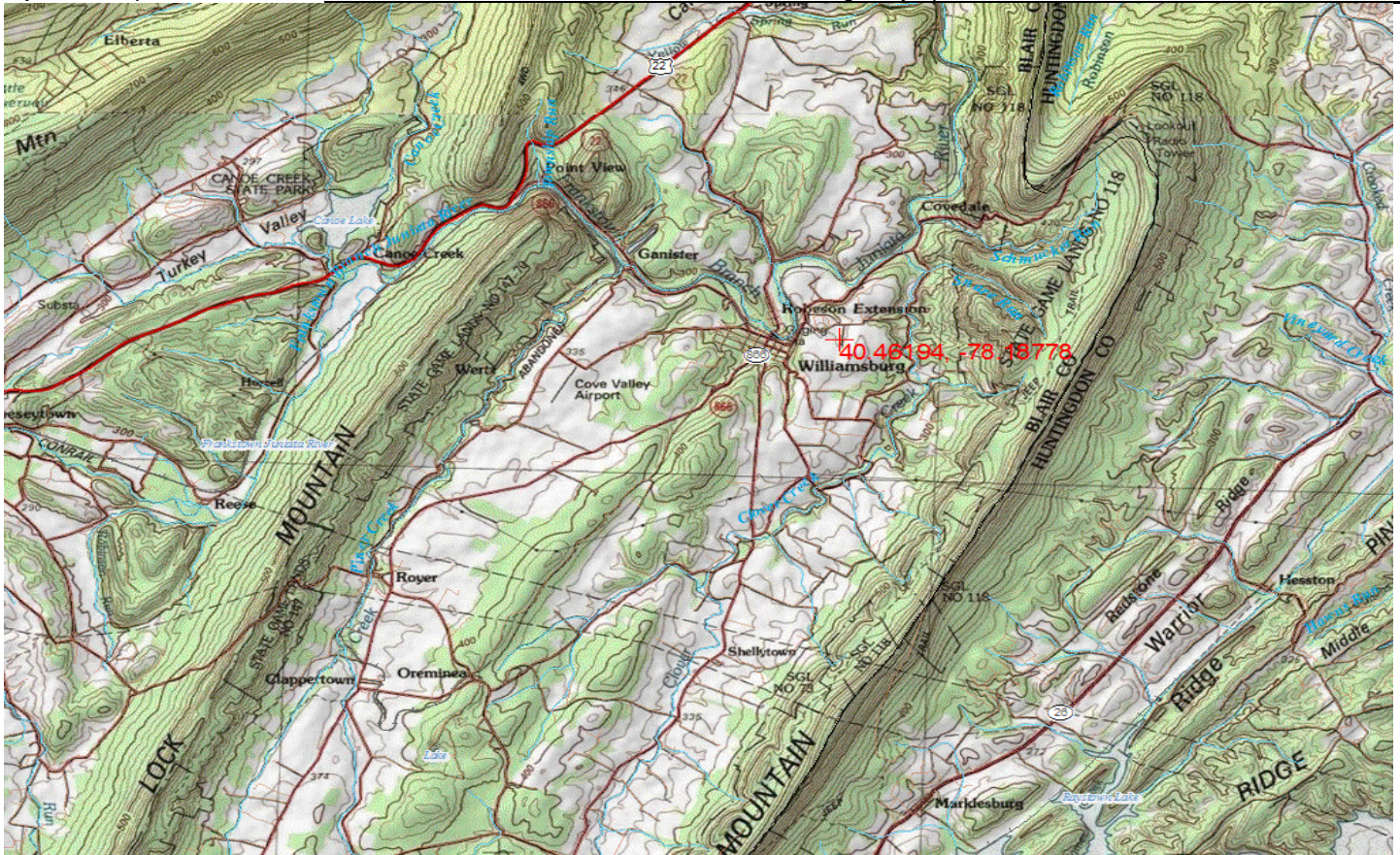
**NPDES PERMIT FACT SHEET
CAFOs**

Application No. PA0265926
APS ID 990008
Authorization ID 1267672

Applicant and Facility Information

Applicant Name	<u>Penn England LLC</u>	Farm Name	<u>Penn England Dilling Farm CAFO</u>
Applicant Address	<u>10341 Fox Run Road</u> <u>Williamsburg, PA 16693-6713</u>	Farm Address	<u>259 Dilling Drive</u> <u>Williamsburg, PA 16693-7204</u>
Applicant Contact	<u>Frederick England</u>	Farm Contact	<u>Yvette Longenecker</u>
Applicant Phone	<u>(814) 832-3838</u>	Farm Phone	<u></u>
Client ID	<u>318554</u>	Site ID	<u>607617</u>
SIC Code	<u>0200</u>	Municipality	<u>Catharine Township</u>
SIC Description	<u>Agric Production - Livestock</u>	County	<u>Blair</u>
Date Application Received	<u>March 28, 2019</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>April 16, 2019</u>	WQM App. No.	<u>0714201 & 0720201</u>

Project Description Permit renewal for Individual CAFO for an existing dairy operation.



Approve	Deny	Signatures	Date
X		<i>Jared Lescavage</i> Jared Lescavage / Project Manager	September 12, 2023
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	9/14/2023

Description:

Penn England Farm is an existing dairy operation located in Blair County. The operation consists of a dairy which has 2125 mature dairy cows and 965 heifers, as well as 796 calves. Along with the dairy, the operation also raises 30 beef bulls and 10 grow – finish pigs. All of the animals are housed on several different satellite locations. With all of the animal types considered, the operation has a total of 4410.7 AEUs, with an animal density of 1.24 AEU/A. Since the operation has more than 700 cows and has more than 1,000 AEUs, it is considered a CAFO.

The nearest potential receiving stream is Frankstown branch Juniata River, designated for Trout Stocking Fisheries (TSF), and an Unnamed Tributary to Clover Creek, designated for High-Quality Cold Water Fisheries (HQ-CWF), located in Watershed 2-C. The stream is not identified to be impaired. Because the nearest potential receiving stream is HQ/EV, an Individual CAFO permit would be appropriate for this operation.

Manure/Nutrient Management:

The NMP was approved on September 19, 2022 and is currently awaiting approval for the 2024 NMP update. There are 3553.6 acres available on lands owned or rented by the applicant for manure application according to the NMP.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Home Liquid	8.5 MG	9.4 MG	0 gal
Dry Cow Liquid	975000 gal 68 tons	1.2 MG 94 tons	0 gal
Solid	2000 tons	6617 tons	0 tons
WH Lower Barn	1.5 MG 60 tons	1.5 MG 60 tons	0 gal
WH Dry Cow	600000 gal 122 tons	618930 gal 122 tons	0 gal
WH Upper Heifer	700000 gal	1.2 MG	0 gal
WH Lower Heifer	3 MG	3.1 MG	0 gal
Royer	427 tons	910 tons	0 tons
Saylor	700000 gal	618600 gal	0 gal
Clover Ridge	7.4 MG	9.7 MG	0 gal
Edwards	460 tons	920 tons	0 tons
Bush	1838 tons	2000 tons	0 tons
Dilling	1 MG 268 tons	1 MG 268 tons	0 gal
Small Animal Group	15 tons	21 tons	0 tons

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
Clover Will 245 England Ln, Williamsburg, PA 16693	900000 gal		900000 gal	
Rispoli Farms 622 Rispoli Farms Ln, Williamsburg, PA 16693	735000 gal			

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:

All manure storages on the operation will have appropriate storage capacity on December 15 according to the NMP to account for manure, washwater, runoff, precipitation, and any other wastes that may enter the storages over the winter period.

Manure Storage Facilities:

Storage Name	Type of Storage	Dimensions	Freeboard	Usable Capacity	Additions			Bedding		Loading
					Runoff Area	Description of Area	Wastewater Added	Type	Amount	
Home – 1 st Stage	Earthen – Clay Lined	110' x 150' x 17'	2'	932,000 gal	--	--	2,190,000 gal	Manure Solids	N/A	Top
Home – 2 nd Stage	Earthen – Clay Lined	295' x 150' x 21'	2'	4,000,000 gal	--	--	--	--	--	Top
Dry Cow	Earthen – Clay Lined	80' x 125' x 12'	2'	597,000 gal	8,500 ft ²	Barnyard	--	--	--	Top
Saylor	Earthen – Clay Lined	90' x 175' x 13'	2'	551,000 gal	--	--	--	--	--	Top
Digester	Concrete	16' x 83'	2'	525,000 gal	0	--	--	--	--	Bottom
Calf Liquid	Earthen	45' x 80' x 8'	2'	80,000 gal	1,650 ft ²	Scrape Alley	--	--	--	Top
Home Farm Solid Stacking	Stacking Area	30' x 100' x 8'	NA	24,000 ft ³	0	--	--	Sawdust	9,600 ft ³	Top
Clover Ridge	HPDE Lined	210' x 365' x 12'	2'	4,300,000	--	--	1,642,500 gal	Manure Solids	10 ton/week	Top
Dilling Farm	Concrete Tank	110' x 12'	1'	783,626 gal	4,000 ft ²	Barnyard	--	--	--	Top
Dilling Farm	Concrete	30' x 30' x 6'	1'	40,000 gal	--	--	--	--	--	Top
Weeping Hollow:										
Lower Barn	Concrete slat floor	105' x 130' x 12'	1'	1,275,750 gal	--	--	--	Manure Solids	10 ton/week	Top
Outside Pit	Concrete	114' x 60' x 9'	2'	430,650 gal	2000 ft ²	Barnyard	1,177,125 gal			Top
Dry Cow	Concrete slat floor	180' x 4' x 8'	1'	201,600 gal	--	--	--	Manure Solids	10 ton/week	Top
Upper Heifer	Concrete slat floor	170' x 12' x 8'	1'	116,105 gal	--	--	--			Top

Lower Heifer	Concrete slat floor	170' x 12' x 8'	1'	116,105 gal	--	--	--			Top
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Note – the freeboard amounts listed for the underbarn storages exceed the minimum regulatory value prescribed in 25 Pa. Code § 91.36(a)(6), but values listed here are consistent with the operation's NMP.

Animal Mortality:

All animal mortalities will be composted on the home farm with the solid manure group and land applied with it as well.

Animal Concentration Areas (Chapter 102.4a):

N/A

Chapter 102 E&S (Conservation Plans):

Plans have been verified to exist for the operation, its lands, its importers, and all lands and importers associated with the operation. Some of the BMPs included in the plans are: Waste Storage, Waste Transfer, and Grazing.

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 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 (Home Farm, Saylor, Dilling, Clover Ridge, Weeping Hollow)
- Mortality Management (Mortalities are composted)

The following NRCS Practice Codes are prescribed in the approved 2024 NMP:

- Low Flow Silage Leachate Collection System: Spring 2023
- Wash Pad settling Trap, BMP Location: Home Farm: Spring 2023

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.

Downstream Public Water Supplies:

The nearest downstream public water intake is located over 95 miles downstream on the Juniata River at the Mifflintown Municipal Authority intake in Milford Township, Juniata County. This facility is not expected to adversely impact any public water supplies.

Compliance History:

There are currently no open violations associated with the 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.