

Application Type Renewal
Facility Type CAFO
Permit Type Individual

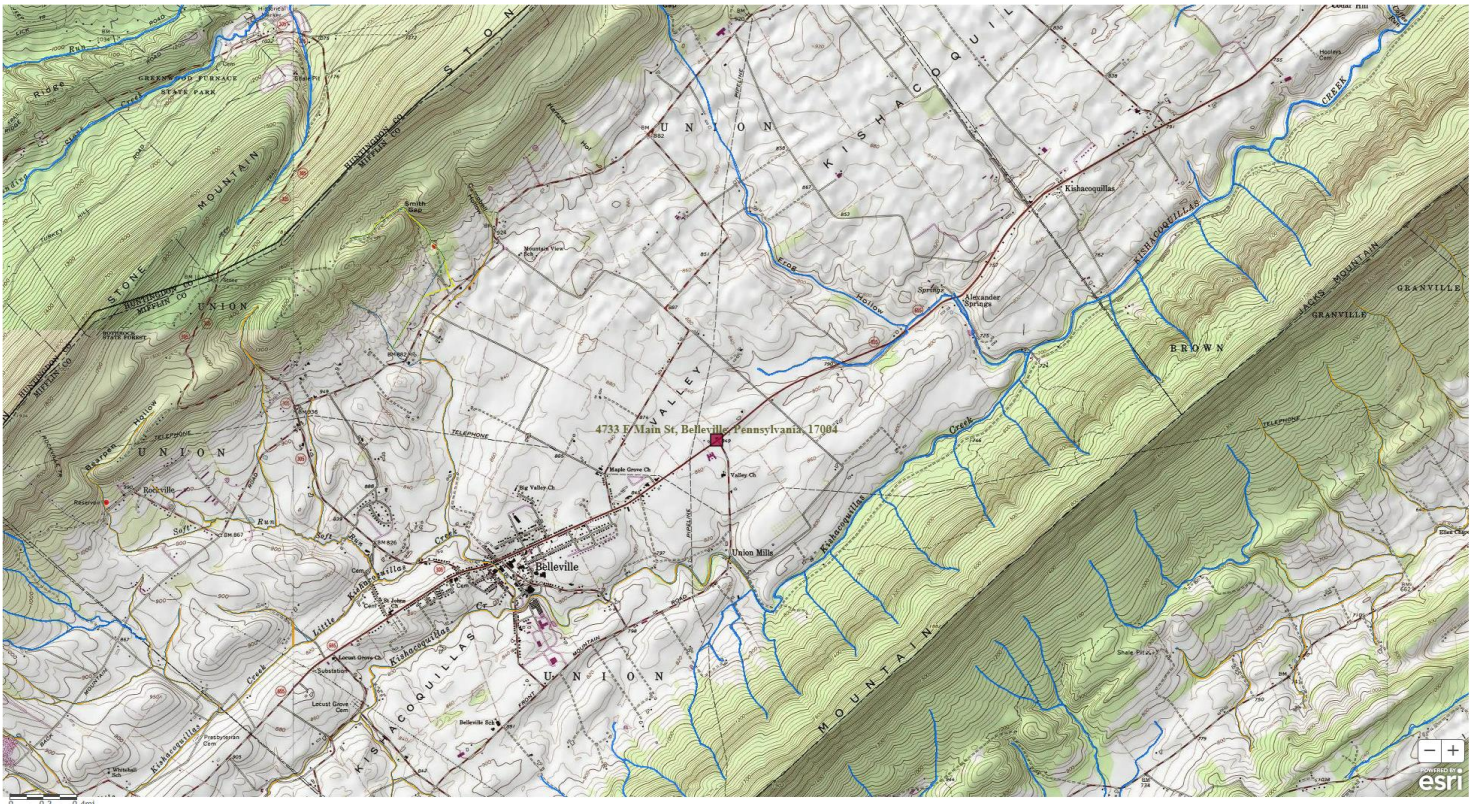
NPDES PERMIT FACT SHEET CAFOs

Application No. PA0281751
APS ID 995112
Authorization ID 1478490

Applicant and Facility Information

Applicant Name	<u>Kish-View Dairy LLC</u>	Farm Name	<u>Kish View Farm CAFO</u>
Applicant Address	<u>4733 E Main Street</u> <u>Belleville, PA 17004-9296</u>	Farm Address	<u>4733 E Main Street</u> <u>Belleville, PA 17004-9296</u>
Applicant Contact	<u>Keith Spicher</u>	Farm Contact	<u>Keith Spicher</u>
Applicant Phone	<u>(717) 363-0618</u>	Farm Phone	<u>(717) 363-0618</u>
Client ID	<u>304931</u>	Site ID	<u>782833</u>
SIC Code	<u>0241</u>	Municipality	<u>Union Township</u>
SIC Description	<u>Agriculture - Dairy Farms</u>	County	<u>Mifflin</u>
Date Application Received	<u>March 26, 2024</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>June 26, 2024</u>	WQM App. No.	<u>4414201</u>

Project Description Kish-View Dairy LLC submitted an application for Individual NPDES CAFO permit coverage renewal for their existing dairy operation.



Approve	Deny	Signatures	Date
x		<i>Hans D. Shollenberger</i> Hans D. Shollenberger / Project Manager	12/26/2024
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	12/26/2024

Description:

Kish-View Dairy LLC submitted an application for Individual NPDES CAFO permit coverage renewal for their existing dairy operation located in Union Township, Mifflin County.

The operation has the following animal population:

Animal Type	Number	AEUs
Dairy (Cows)	650	942.50
Dairy (Heifers)	280	269.82
Dairy (Calves)	205	67.31
Total AEUs =		1,279.63

The operation is not considered a CAO since the animal density does not exceed 2 AEUs/Acre. The operation is considered a large CAFO for exceeding 1,000 AEUs.

The nearest receiving water to the operation is UNT of Kishacoquillas Creek, designated for High Quality-Cold Water Fishes and Migratory Fishes (HQ-CWF, MF), located in Watershed 12-A. The stream is not impaired by Department Standards.

Since the operation is located in a High Quality watershed, the Department's Individual CAFO permit is appropriate.

Manure/Nutrient Management:

The current NMP was approved on June 18, 2024, for crop years 2025, 2026, and 2027. There are 877.5 acres available on lands owned and rented by the applicant for manure application according to the NMP, resulting in a density of 1.46 AEUs/acre.

Manure Group Information:

Manure Group	Manure Generated Annually	Manure Used on the Farm	Manure Exported (gallons or tons)
Home Farm Liquid Dairy Manure	5,000,000.0 gal	7,156,400.0 gal	0.0
Glick Farm Liquid Manure	100,000.0 gal	454,400.0 gal	0.0
Glick Farm Liquid Manure - uncollected	97.0 tons	97.0 tons	0.0
Glick Farm Solid Manure	40.0 tons	73.0 tons	0.0
AJ Farm Liquid Manure	200,000.0 gal	496,000.0 gal	0.0
AJ Farm Liquid Manure - uncollected	357.2 tons	357.1 tons	0.0
Home Farm Solid Manure	100.0 tons	95.5 tons	0.0
Mortality Compost	50.0 tons	54.0 tons	0.0

Exported Manure:

Name/ Address	Amount and Source of Manure Exported per Season (gallons/ tons)			
	Spring	Summer	Fall	Winter
There is no exported manure.				

No manure is exported from this operation. However, if the NMP were ever updated to include manure exportation, the following requirements would have to 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.

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Kish View Farm CAFO

Winter Manure Management:

Application of manure during the winter period is approved in the NMP.

The following minimum freeboards shall be met by December 15th of each year to implement the NMP:

- Concrete Home Tank **7.80 ft**
- AJ Farm Underbarn Storage **4.67 ft**
- Glick Earthen Lagoon **5.40 ft**

Manure Storage Facilities:

Storage	Type	Dimensions	Freeboard	Usable Capacity
<i>Name</i>	<i>Liquid or solid</i>	<i>Ft x ft x ft</i>	<i>Minimum regulatory</i>	<i>Gallons</i>
Methane Digester	Liquid	81' x 16'	N/A*	616,398 gallons
Concrete Home Tank	Liquid	170' x 16'	2 ft	2,300,782 gallons
AJ Farm Underbarn Storage	Liquid	16' x 300' x 12'	0.5 ft	412,896 gallons
Glick Earthen Lagoon	Liquid	64' x 100' x 8'	2 ft	100,918 gallons

*The covered digester tank has a level controlled by an overflow discharging into a transfer tank.

A concrete stacking pad with dimensions 56' x 34' x 8' is located at the solids separator with a storage capacity of 13,440 cubic feet. Separated solids are reused as bedding for cattle.

The operation was issued WQM 4414201 on 6/12/2014.

There are no plans for field stacking of manure and no proposed manure storages 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
- Mortality Management (Compost)

NRCS Practice Code 561 Heavy Use Area Protection is prescribed as a BMP in the approved 2025 to 2027 Crop Year NMP with an implementation timeframe of Fall 2024 for the A&J Farmstead.

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:

Mortalities are composted at the home farm.

Animal Concentration Areas (Chapter 102.4a):

Animal Heavy Use Areas (AHUAs) are designated in the NMP, and will be managed according to 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. Some of the BMPs included in the plans are: Conservation Crop Rotation (328), Contour Farming (330), Cover Cropping (340), Forage Harvest Management (511), Nutrient Management (590), Residue and Tillage Management (329), Strip Cropping (585), Pasture Management, Anaerobic Digester (366), Heavy Use Area Protection (561), Pumping Plant (533), Roofs and Covers (367), Trail and Walkway (575), Waste Separation Facility (632), Waste Storage Facility (313), and Waste Transfer (634).

Downstream Public Water Supplies:

The nearest downstream public water supply intake is the Mifflintown Municipal Water Authority, located over 26 miles downstream in Mifflintown, PA. This operation is not expected to have any adverse impact on the public water supply.

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.